

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090808.D
 Acq On : 25 Oct 2016 15:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Quant Time: Oct 25 17:12:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	202947	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	873939	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	487969	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	756233	20.00	ng	0.00
75) Chrysene-d12	13.96	240	569345	20.00	ng	0.00
86) Perylene-d12	15.38	264	417449	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	949752	75.47	ng	0.00
7) Phenol-d6	6.44	99	1239456	72.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	1122355	70.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	374896	97.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2125043	67.60	ng	0.00
78) Terphenyl-d14	12.92	244	2157632	86.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	237163	32.57	ng	# 79
3) Pyridine	3.06	79	649226	38.05	ng	# 73
4) n-Nitrosodimethylamine	3.01	42	195875	33.55	ng	# 63
6) Aniline	6.46	93	766778	39.68	ng	# 76
8) 2-Chlorophenol	6.59	128	565059	37.41	ng	# 96
9) Benzaldehyde	6.34	77	325775	34.96	ng	# 69
10) Phenol	6.45	94	647491	33.79	ng	# 46
11) bis(2-Chloroethyl)ether	6.54	93	602069	37.40	ng	# 87
12) 1,3-Dichlorobenzene	6.74	146	591239	38.96	ng	# 92
13) 1,4-Dichlorobenzene	6.82	146	623331	38.73	ng	# 93
14) 1,2-Dichlorobenzene	6.97	146	529012m	33.57	ng	#
15) Benzyl Alcohol	6.94	79	426826	36.87	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.08	45	709639	29.43	ng	# 69
17) 2-Methylphenol	7.07	107	458134	40.25	ng	# 84
18) Hexachloroethane	7.31	117	214415	32.82	ng	# 94
19) n-Nitroso-di-n-propylamine	7.23	70	413779	32.60	ng	# 67
20) 3+4-Methylphenols	7.22	107	504687	37.41	ng	# 49
22) Acetophenone	7.22	105	719791	36.96	ng	# 85
24) Nitrobenzene	7.39	77	643164	37.23	ng	# 70
25) Isophorone	7.63	82	1057984	35.08	ng	# 88
26) 2-Nitrophenol	7.71	139	310476	44.00	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	487866	38.99	ng	# 86
28) bis(2-Chloroethoxy)methane	7.85	93	659576	39.97	ng	# 94
29) 2,4-Dichlorophenol	7.95	162	433601	42.22	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	476150	39.40	ng	# 97
31) Naphthalene	8.11	128	1506760	35.25	ng	# 97
32) Benzoic acid	7.90	122	390251	44.83	ng	# 66
33) 4-Chloroaniline	8.17	127	663520	41.85	ng	# 94
34) Hexachlorobutadiene	8.24	225	282251	41.54	ng	# 100
35) Caprolactam	8.54	113	131725	44.91	ng	# 97
36) 4-Chloro-3-methylphenol	8.65	107	463248	38.78	ng	# 77
37) 2-Methylnaphthalene	8.81	142	1062045	42.51	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	452141	34.31	ng	# 99
40) Hexachlorocyclopentadiene	8.96	237	179553	29.03	ng	# 94

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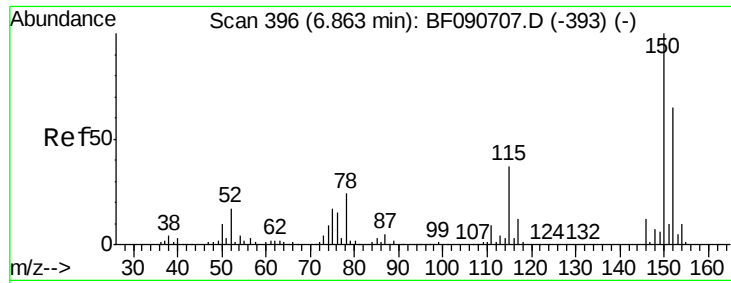
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Quant Time: Oct 25 17:12:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	304859	37.31	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	336558	40.59	nq	98
45) 1,1'-Biphenyl	9.26	154	1229051	32.07	nq	90
46) 2-Chloronaphthalene	9.29	162	971327	34.10	nq	# 89
47) 2-Nitroaniline	9.39	65	323242	34.19	nq	# 77
48) Acenaphthylene	9.71	152	1595966	36.72	nq	96
49) Dimethylphthalate	9.57	163	1054812	34.40	nq	# 97
50) 2,6-Dinitrotoluene	9.63	165	255349	38.73	nq	# 47
51) Acenaphthene	9.88	154	1070613	37.11	nq	89
52) 3-Nitroaniline	9.80	138	293516	38.73	nq	# 59
53) 2,4-Dinitrophenol	9.90	184	115950	41.22	nq	# 30
54) Dibenzofuran	10.05	168	1403712	40.16	nq	# 89
55) 4-Nitrophenol	9.97	139	176373	41.00	nq	# 77
56) 2,4-Dinitrotoluene	10.04	165	366613	45.49	nq	# 95
57) Fluorene	10.40	166	1141916	39.43	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.17	232	260133m	39.98	nq	
59) Diethylphthalate	10.27	149	1098579	34.54	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	506028	38.23	nq	# 87
61) 4-Nitroaniline	10.42	138	295834	38.54	nq	# 54
62) Azobenzene	10.54	77	1147979	30.83	nq	85
64) 4,6-Dinitro-2-methylphenol	10.44	198	174015	37.09	nq	87
65) n-Nitrosodiphenylamine	10.51	169	961762	39.70	nq	90
66) 4-Bromophenyl-phenylether	10.88	248	325053	44.34	nq	96
67) Hexachlorobenzene	10.94	284	386297	44.65	nq	# 79
68) Atrazine	11.04	200	250794	37.50	nq	86
69) Pentachlorophenol	11.14	266	205096	45.30	nq	98
70) Phenanthrene	11.36	178	1589477	41.24	nq	96
71) Anthracene	11.40	178	1466155	34.30	nq	96
72) Carbazole	11.56	167	1409093	39.42	nq	94
73) Di-n-butylphthalate	11.89	149	1678037	36.20	nq	# 96
74) Fluoranthene	12.53	202	1444403	38.74	nq	96
76) Benzidine	12.67	184	406808	32.18	nq	98
77) Pyrene	12.76	202	1442707	36.28	nq	95
79) Butylbenzylphthalate	13.39	149	706730	38.67	nq	# 85
80) Benzo(a)anthracene	13.95	228	1154565	37.06	nq	96
81) 3,3'-Dichlorobenzidine	13.93	252	436901	40.47	nq	# 91
82) Chrysene	14.00	228	1221455	40.17	nq	94
83) Bis(2-ethylhexyl)phthalate	13.95	149	1086671	41.55	nq	# 92
84) Di-n-octyl phthalate	14.57	149	1603595	40.40	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.76	276	968230	36.50	nq	# 93
87) Benzo(b)fluoranthene	14.98	252	942661m	36.72	nq	
88) Benzo(k)fluoranthene	15.01	252	970427m	37.62	nq	
89) Benzo(a)pyrene	15.32	252	874386	36.31	nq	# 90
90) Dibenzo(a,h)anthracene	16.77	278	838092	36.24	nq	# 81
91) Benzo(g,h,i)perylene	17.16	276	791948	35.31	nq	# 84

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

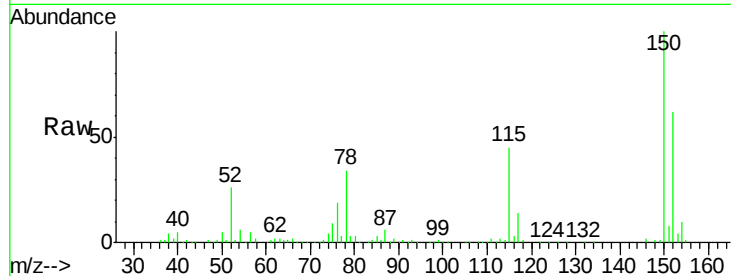
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.7	187.1
115	71.8	39.0	58.4

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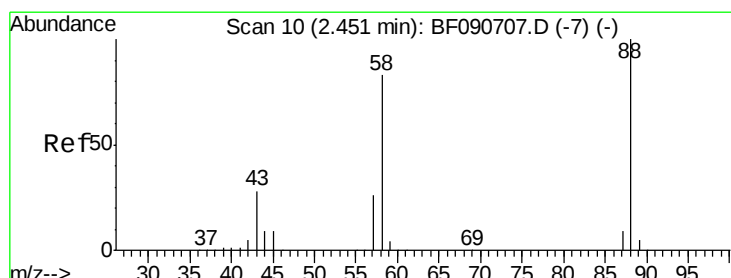
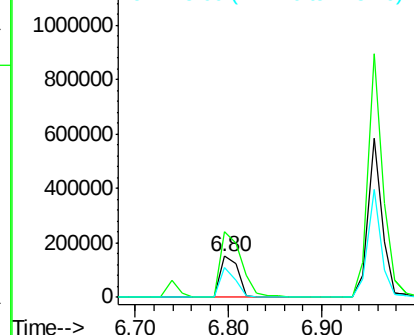
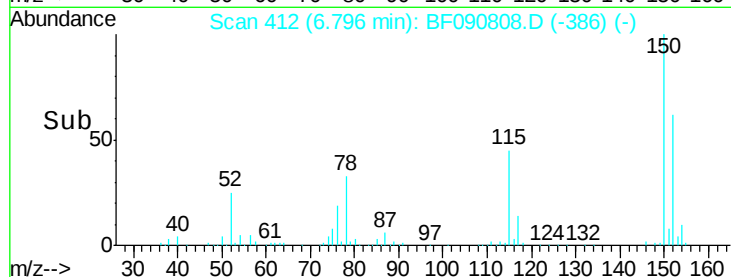
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.57 ng

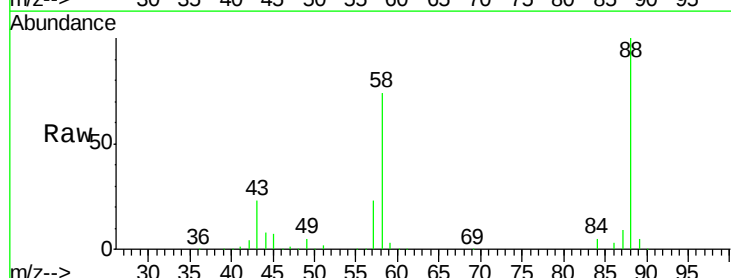
RT: 2.35 min Scan# 23

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

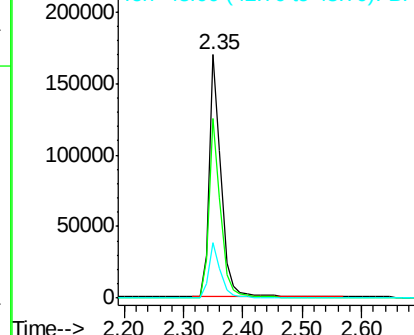
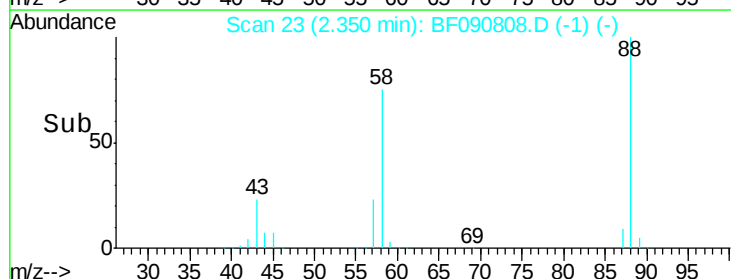
Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	77.7	116.5
43	23.8	26.6	40.0

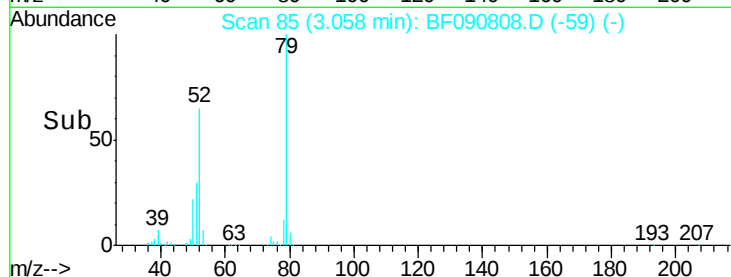
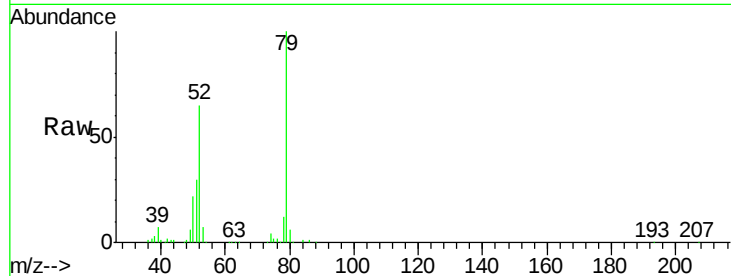
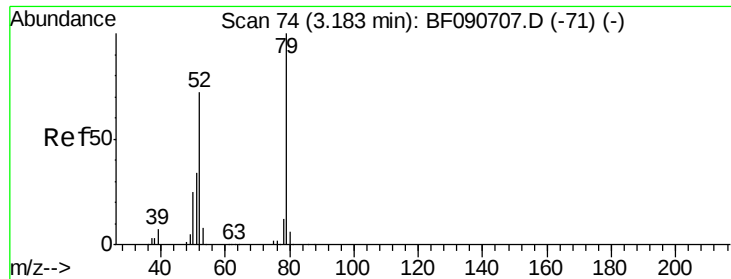


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





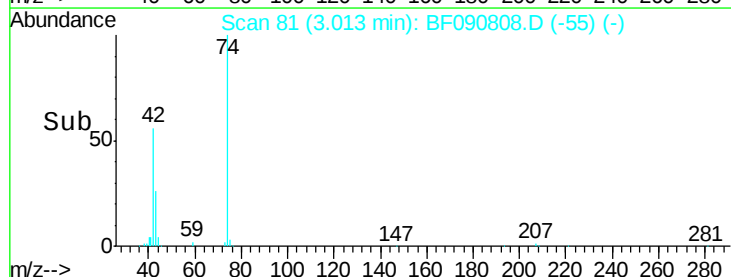
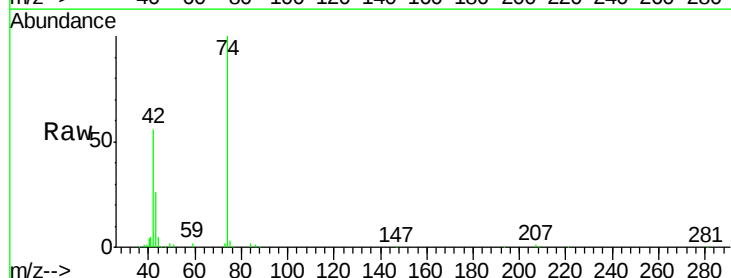
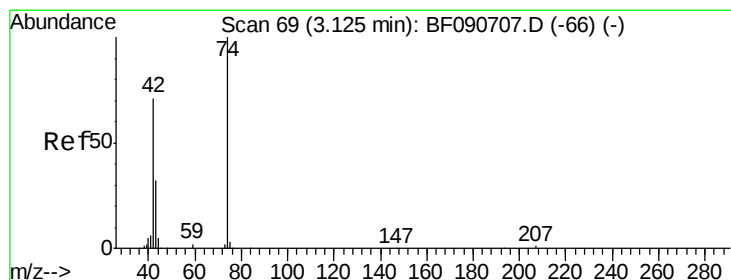
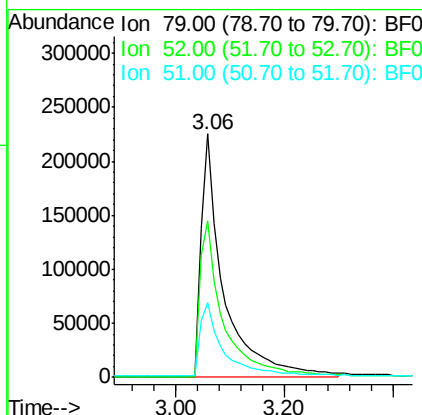
#3
 Pvridine
 Concen: 38.05 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.6	76.8	115.2#
51	30.5	32.2	48.4#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

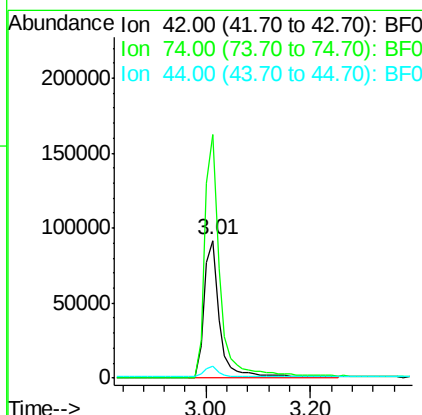
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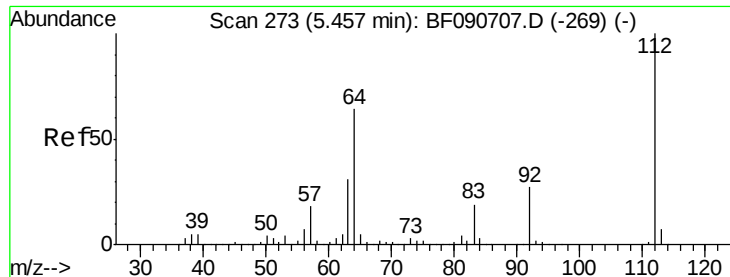
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#4
 n-Nitrosodimethylamine
 Concen: 33.55 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	177.2	105.0	157.6#
44	8.3	6.6	10.0





#5

2-Fluorophenol

Concen: 75.47 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

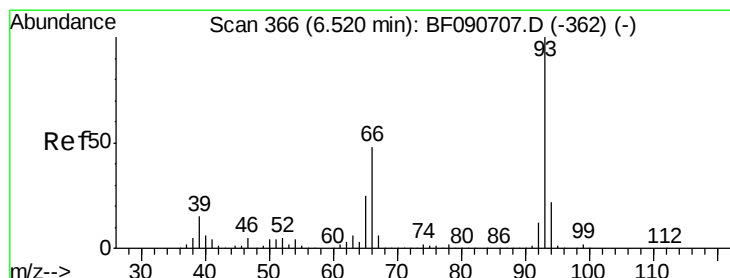
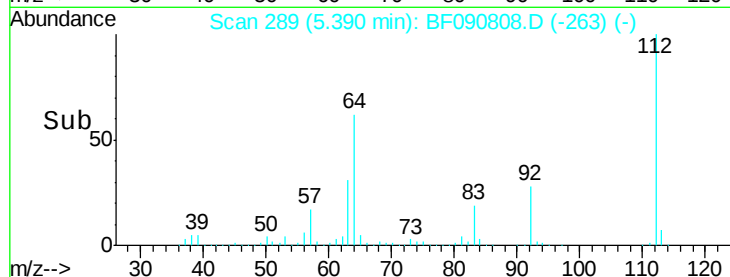
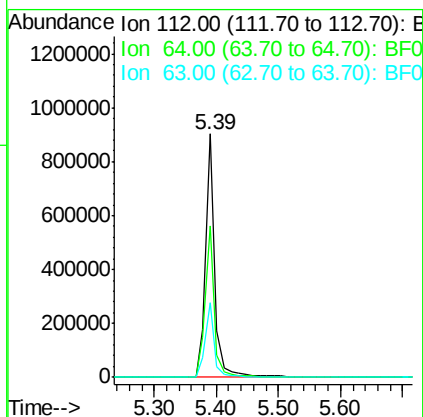
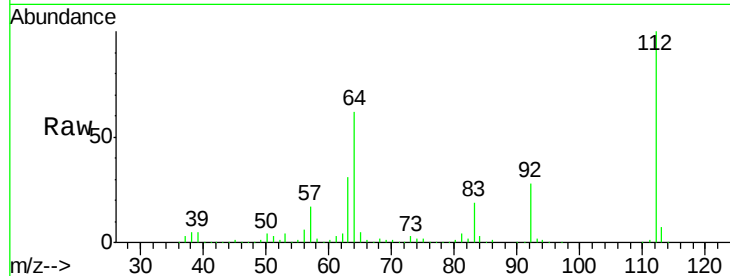
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	949752
Ion Ratio	Lower	Upper	
112	100		
64	62.0	39.7	59.5#
63	30.6	17.4	26.0#

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#6

Aniline

Concen: 39.68 ng

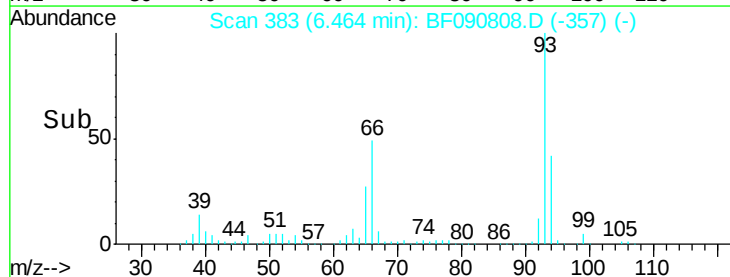
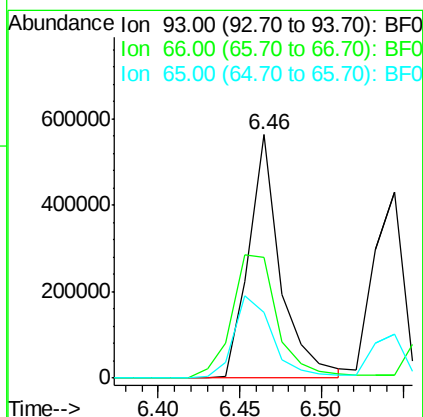
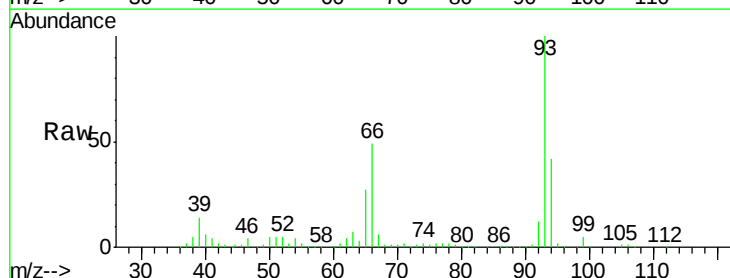
RT: 6.46 min Scan# 383

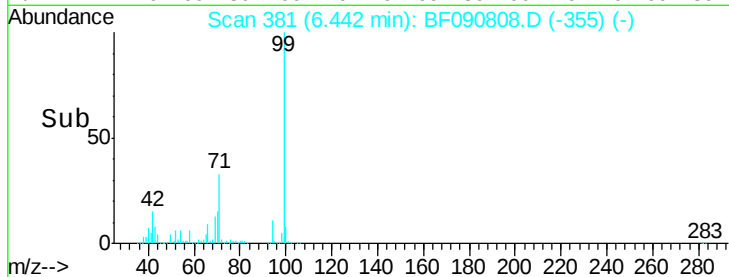
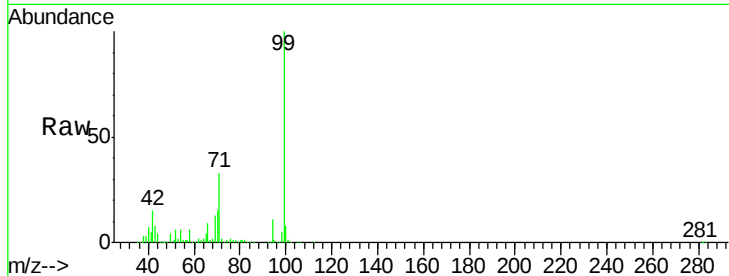
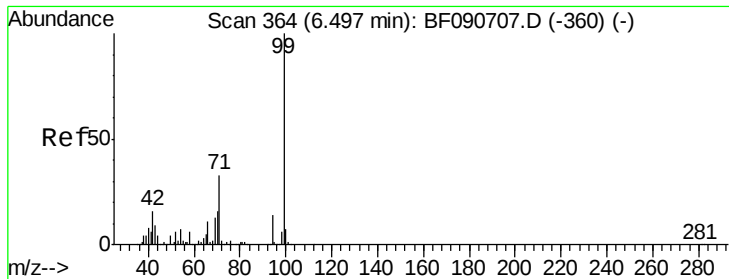
Delta R.T. 0.00 min

Lab File: BF090808.D

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Tgt Ion:	93	Resp:	766778
Ion Ratio	Lower	Upper	
93	100		
66	49.4	27.2	40.8#
65	27.1	14.7	22.1#





#7

Phenol-d6

Concen: 72.72 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1239456

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

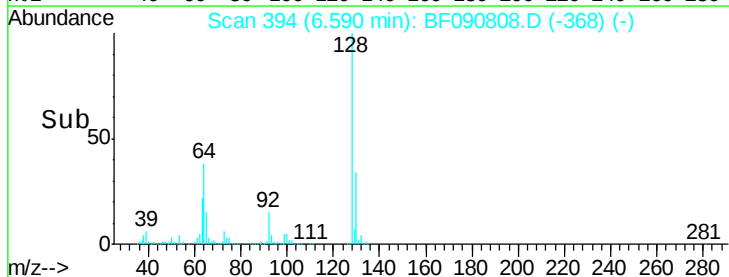
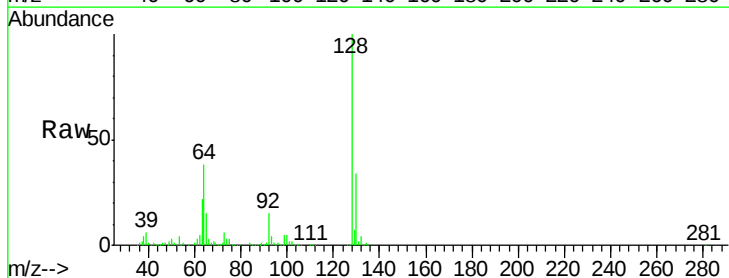
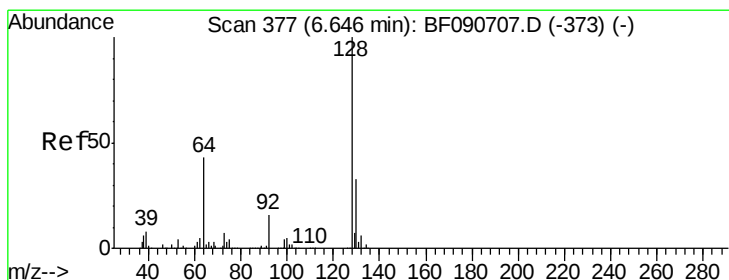
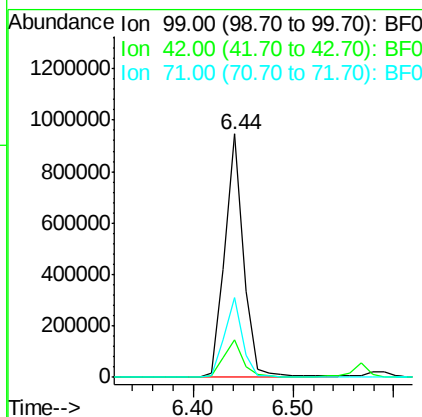
71 32.6 14.2 21.2#

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#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

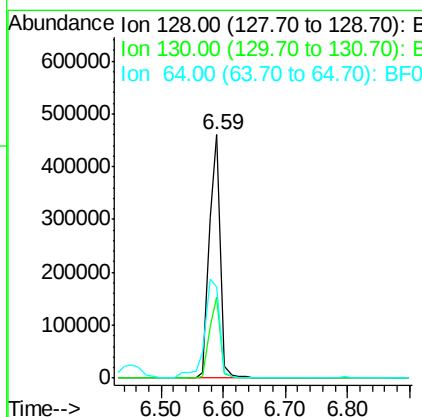
Tgt Ion:128 Resp: 565059

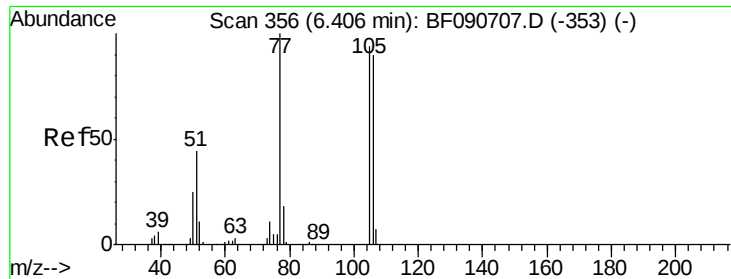
Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

64 37.6 20.5 60.5





#9

Benzaldehyde

Concen: 34.96 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

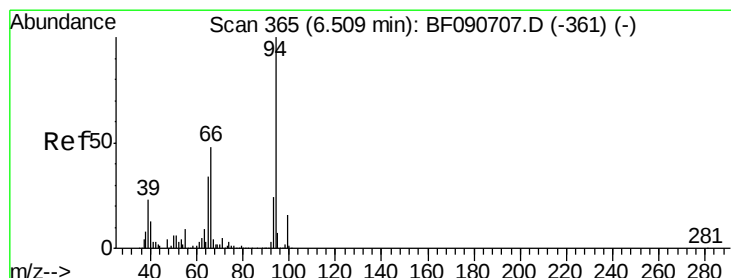
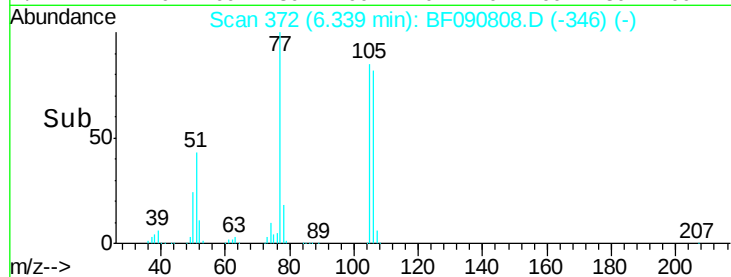
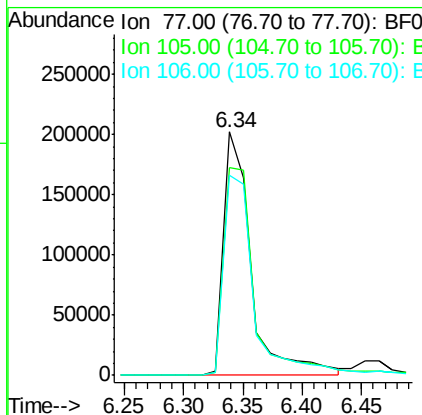
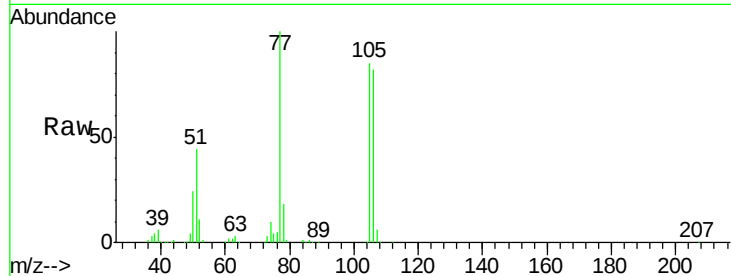
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	85.3	91.6	131.6#		
106	82.0	102.6	142.6#		

Manual Integrations
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#10

Phenol

Concen: 33.79 ng

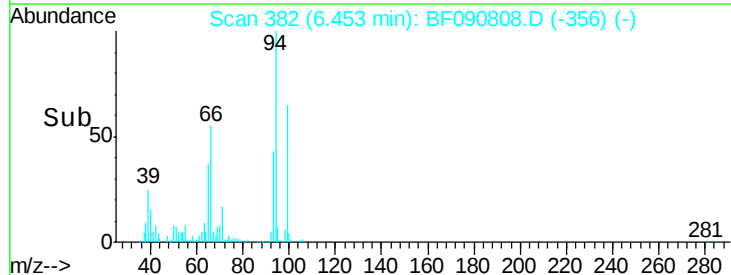
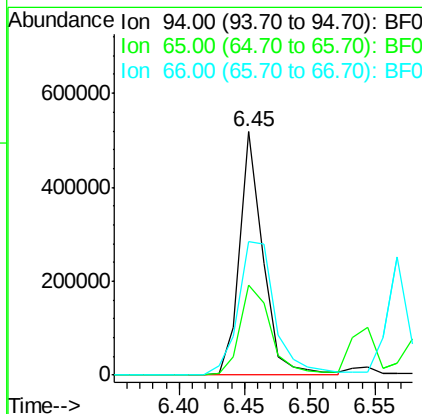
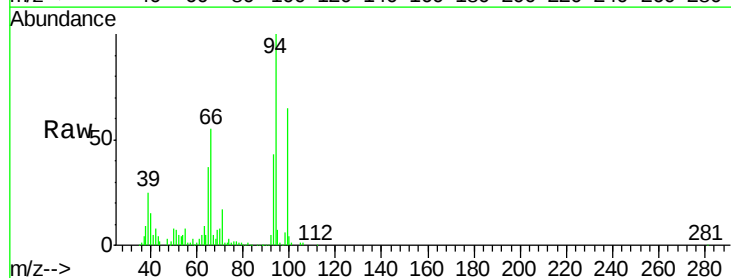
RT: 6.45 min Scan# 382

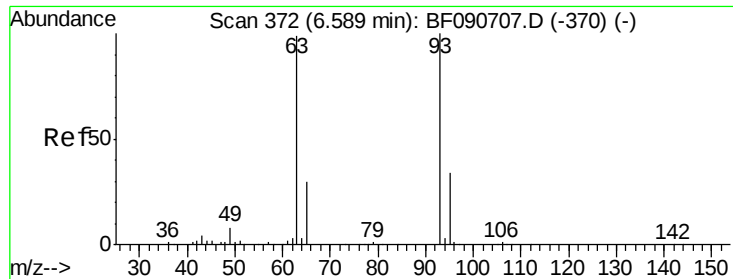
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	37.1	0.7	40.7		
66	54.9	0.8	40.8#		





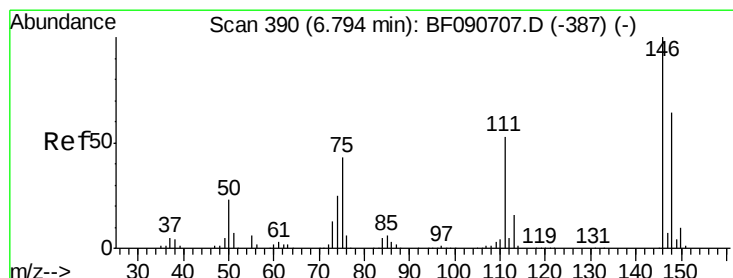
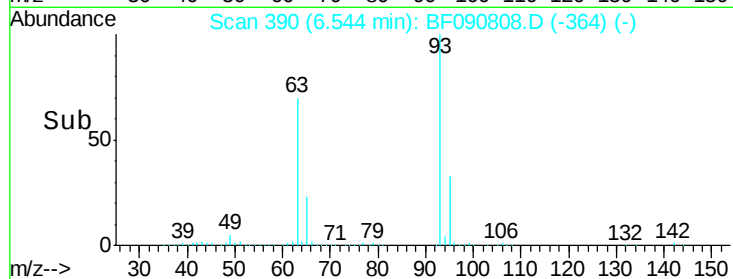
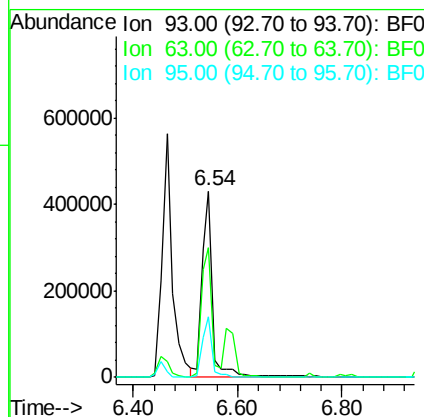
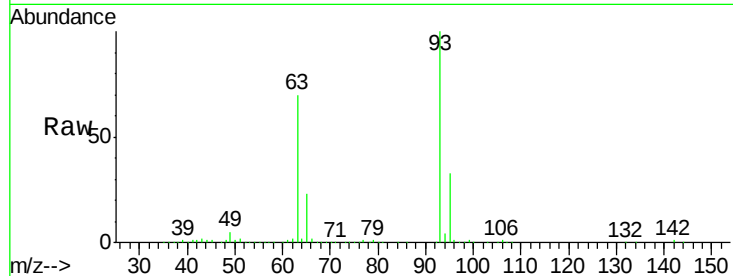
#11
bis(2-Chloroethyl)ether
Concen: 37.40 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	65.6	105.6
95	32.8	13.6	53.6

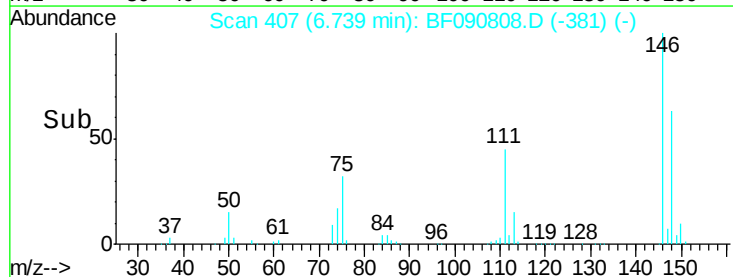
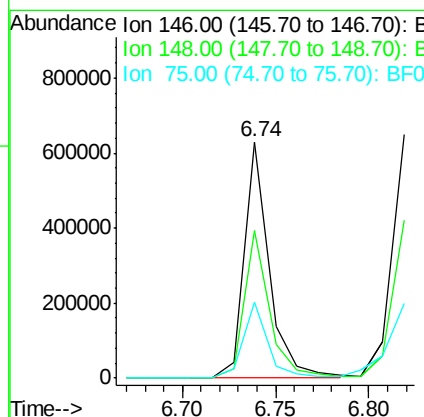
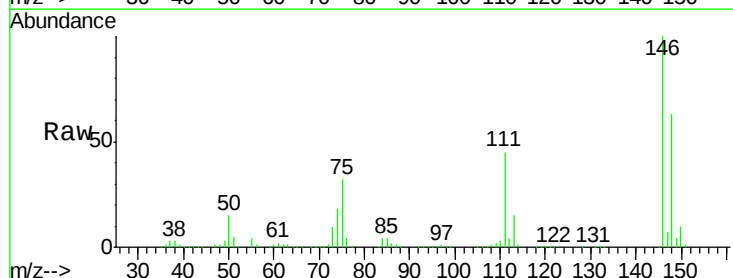
Manual Integrations
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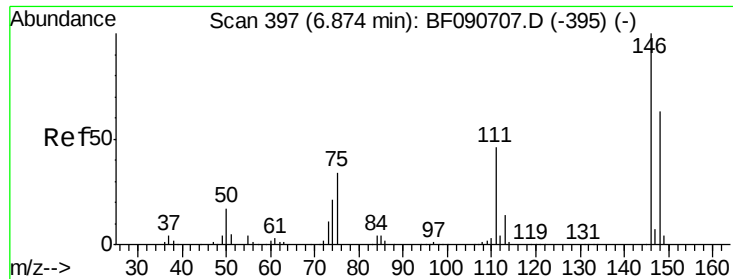
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#12
1,3-Dichlorobenzene
Concen: 38.96 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.4
75	32.4	15.0	22.6





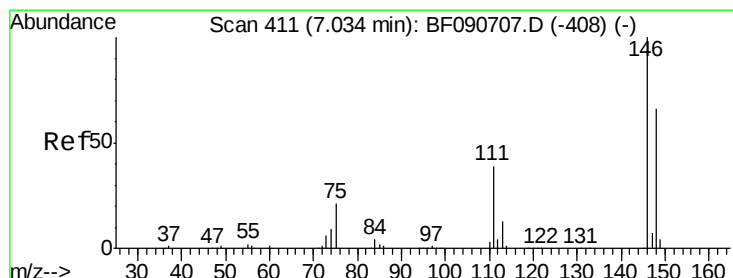
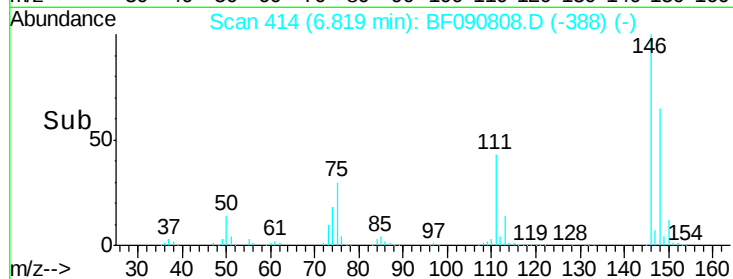
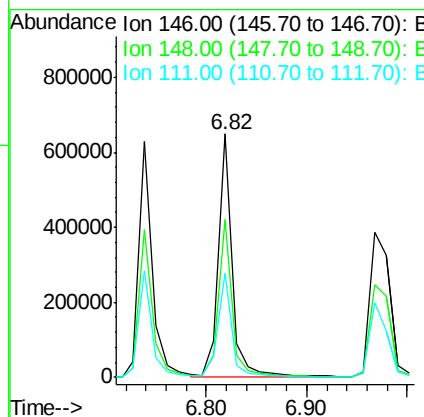
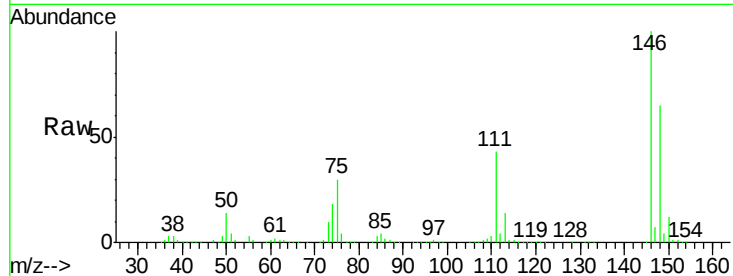
#13
1,4-Dichlorobenzene
Concen: 38.73 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	42.7	24.9	37.3

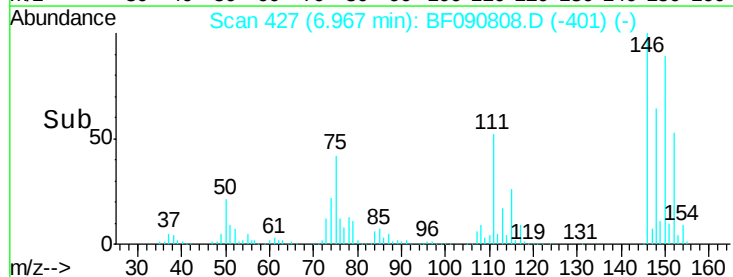
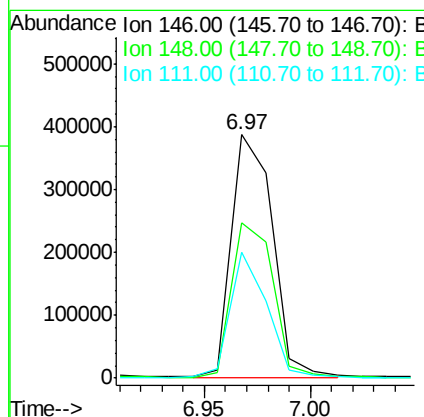
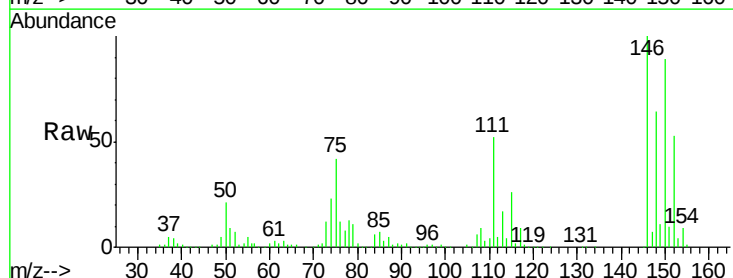
Manual Integrations
APPROVED

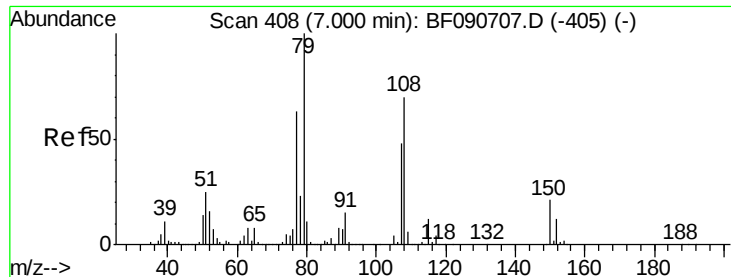
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#14
1,2-Dichlorobenzene
Concen: 33.57 ng m
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	51.8	28.8	43.2





#15

Benzyl Alcohol

Concen: 36.87 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 426826

Ion Ratio Lower Upper

79 100

108 72.1 88.6 132.8#

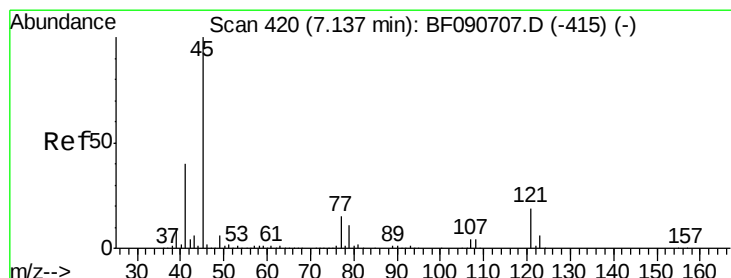
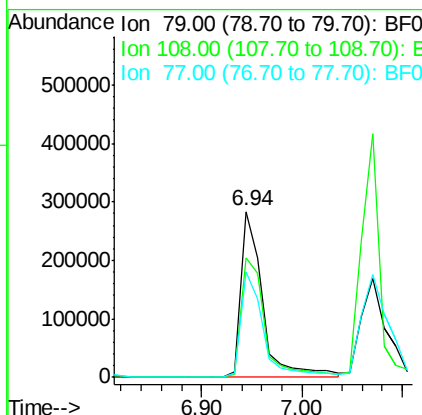
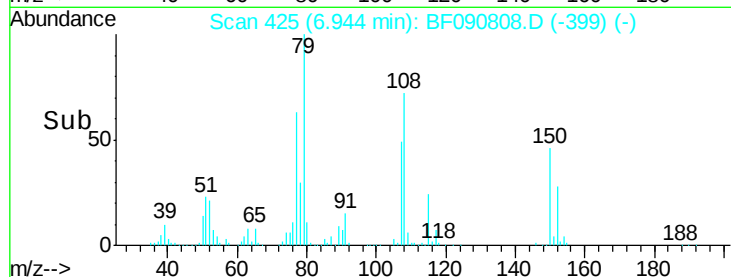
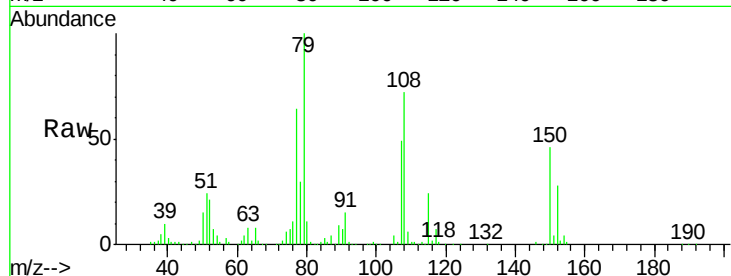
77 63.7 47.0 70.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.43 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

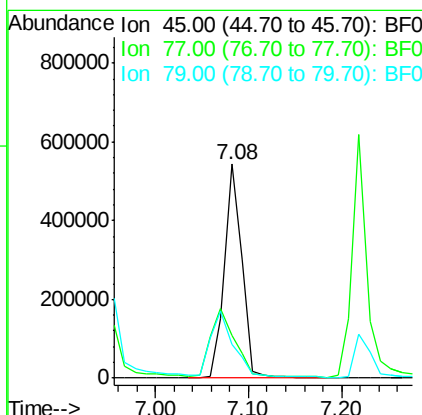
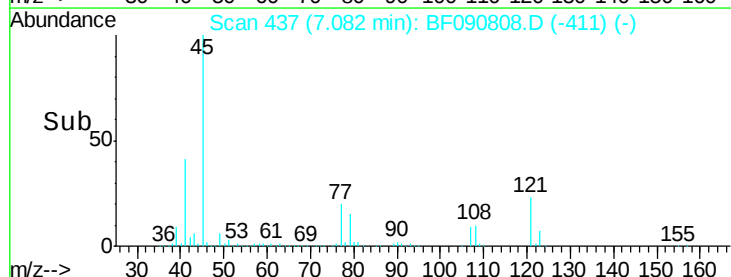
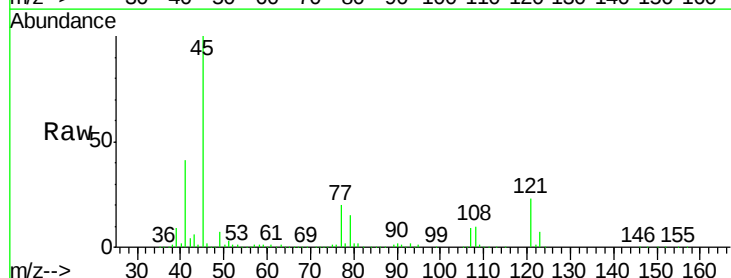
Tgt Ion: 45 Resp: 709639

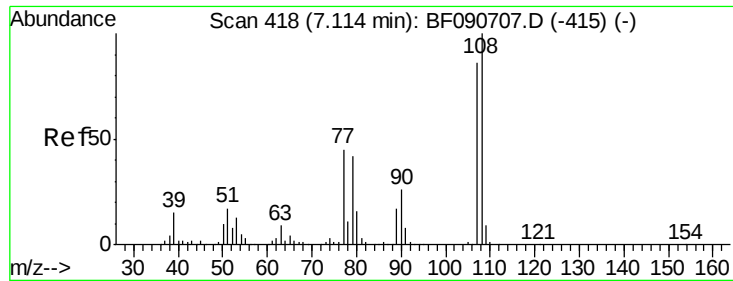
Ion Ratio Lower Upper

45 100

77 19.8 0.0 28.1

79 15.5 0.0 26.0





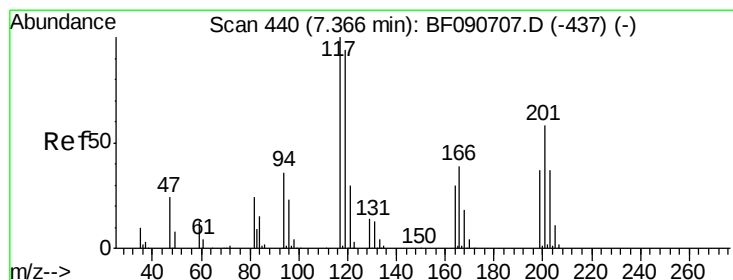
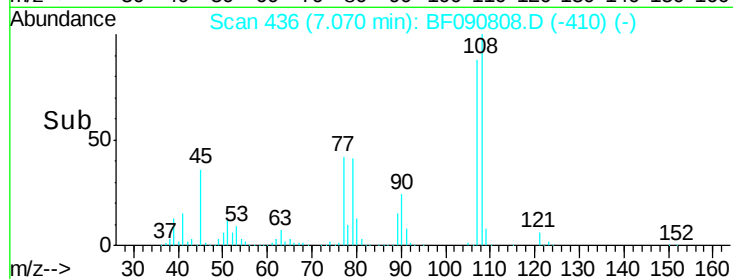
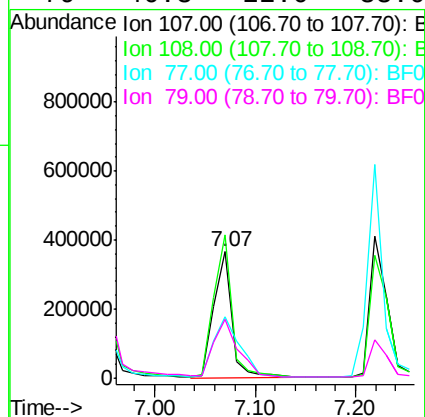
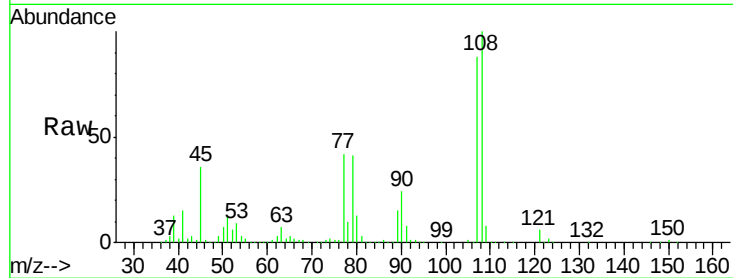
#17
2-Methylphenol
Concen: 40.25 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	96.6	145.0	
77	48.2	23.3	34.9	
79	46.3	22.0	33.0	

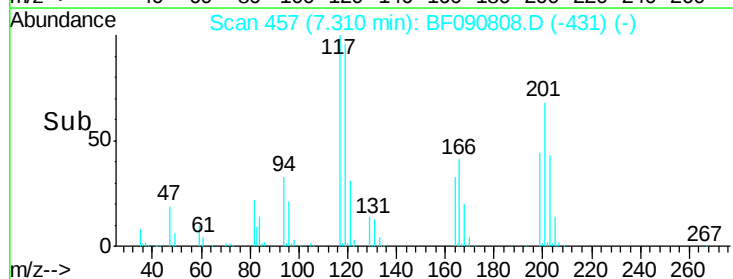
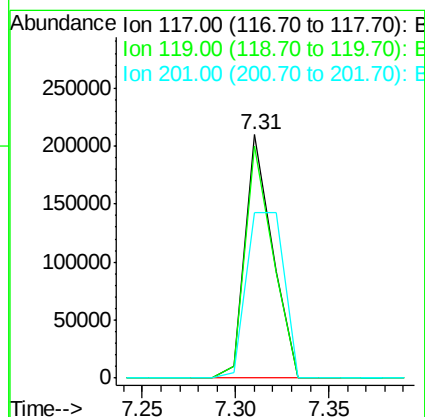
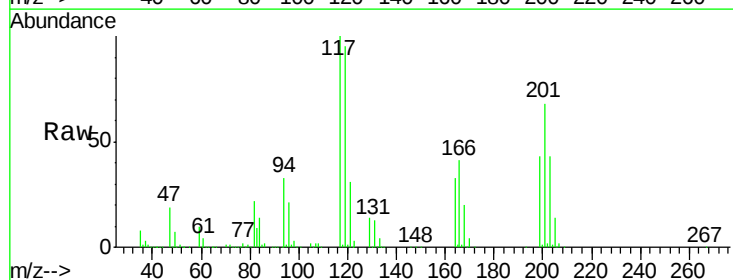
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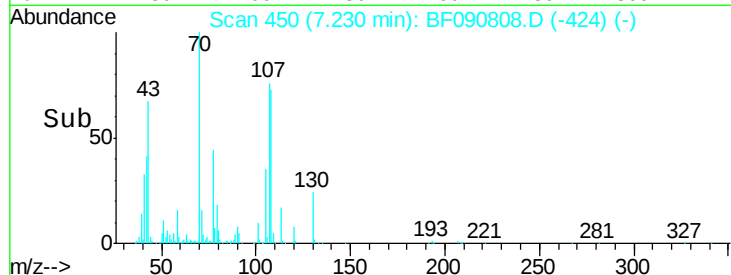
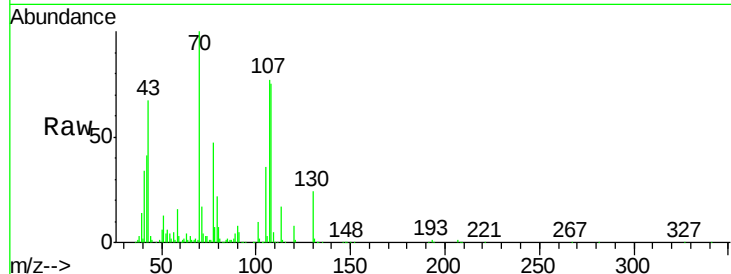
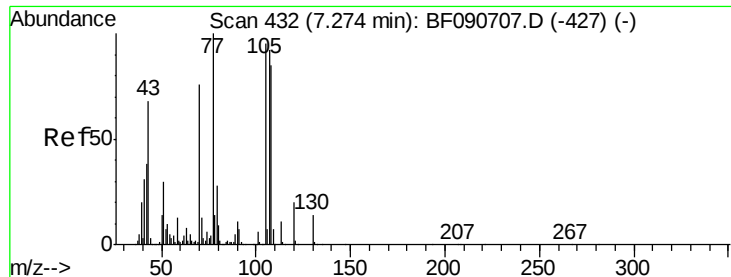
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#18
Hexachloroethane
Concen: 32.82 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	83.8	125.6	
201	68.0	55.1	82.7	





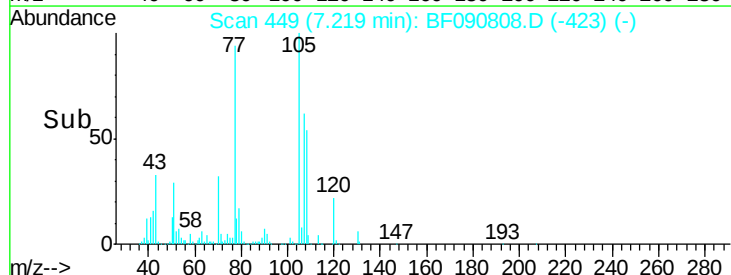
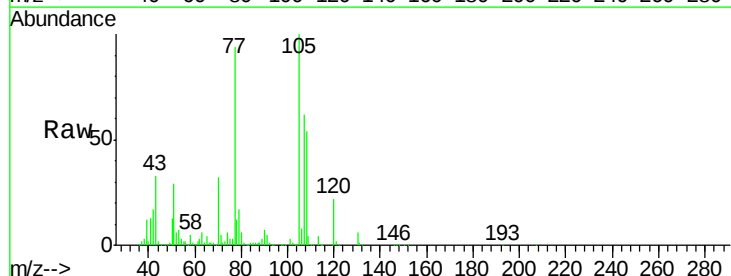
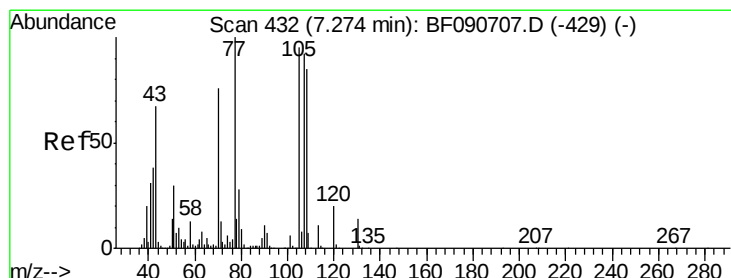
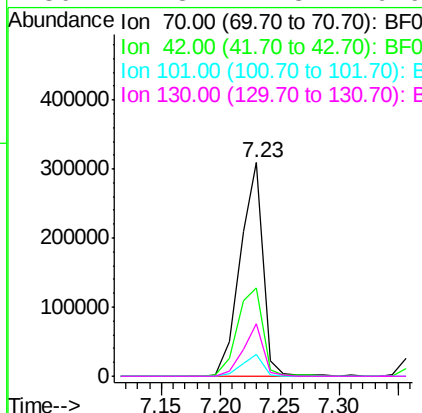
#19
n-Nitroso-di-n-propylamine
Concen: 32.60 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.3	63.8	95.6#	
101	10.1	9.2	13.8	
130	24.3	27.3	40.9#	

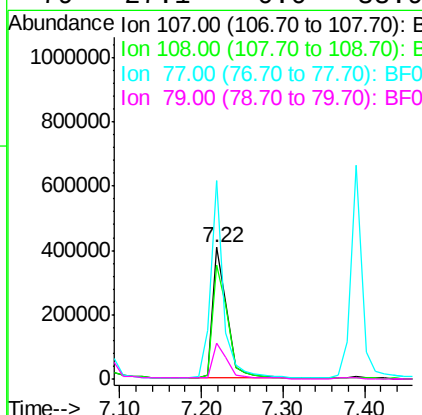
Manual Integrations
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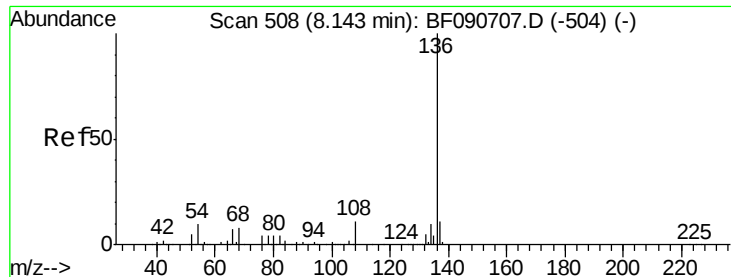
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#20
3+4-Methylphenols
Concen: 37.41 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	74.6	114.6	
77	150.8	0.7	40.7#	
79	27.1	0.0	38.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

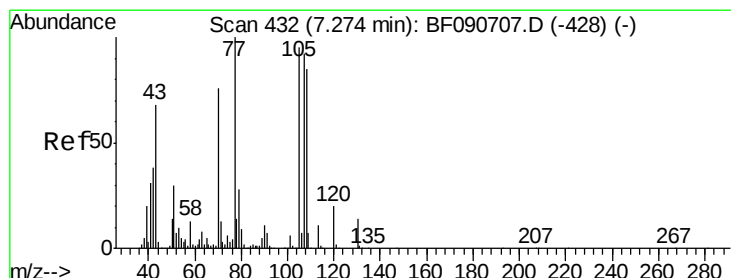
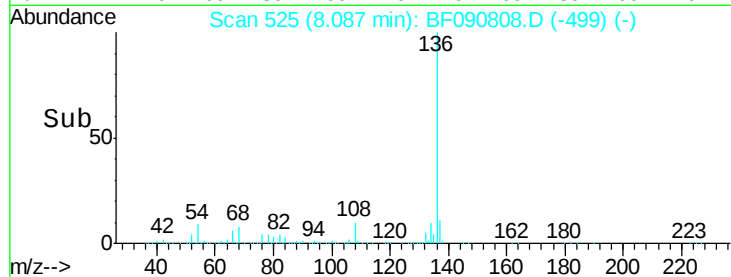
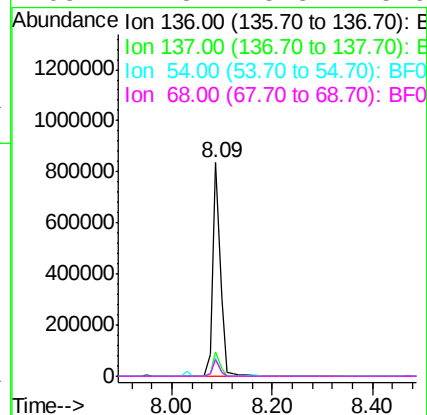
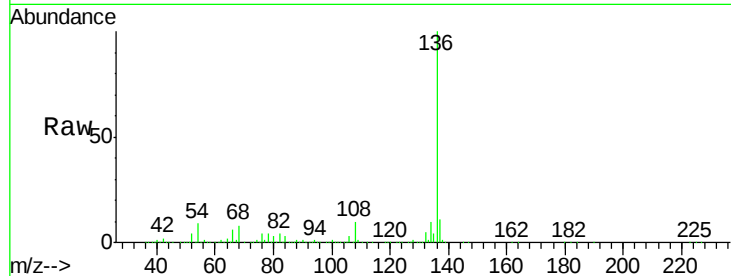
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		873939		
137	11.5		9.0	13.6	
54	8.7		8.2	12.2	
68	7.8		5.8	8.6	

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#22

Acetophenone

Concen: 36.96 ng

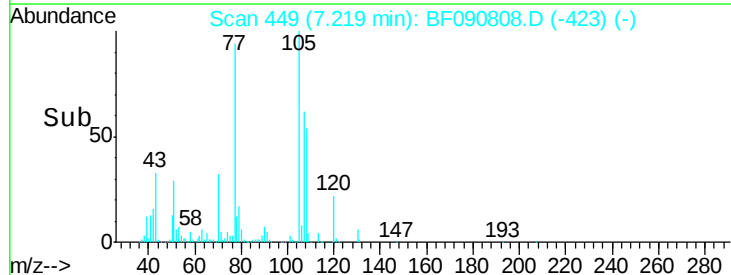
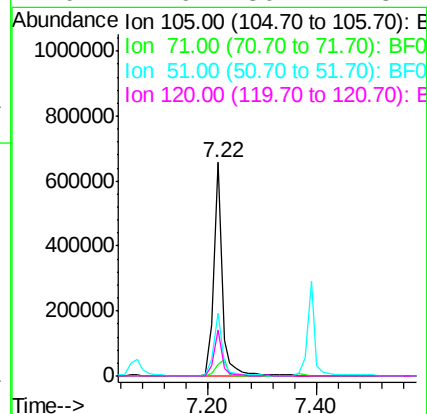
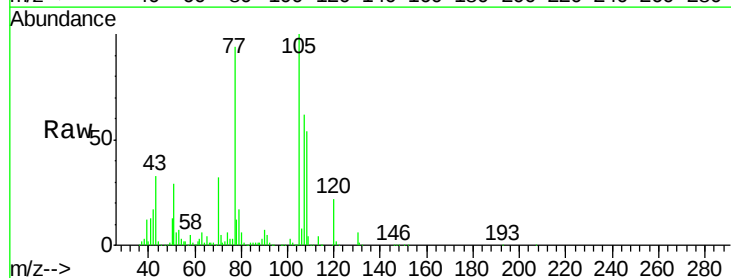
RT: 7.22 min Scan# 449

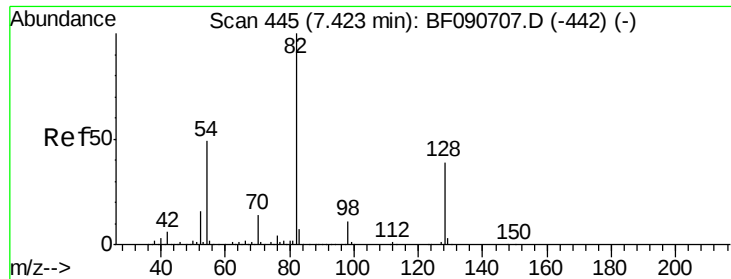
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		719791		
71	5.2		4.7	7.1	
51	29.2		22.0	33.0	
120	21.9		30.1	45.1#	





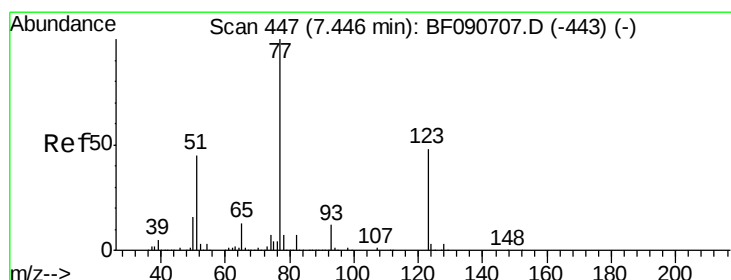
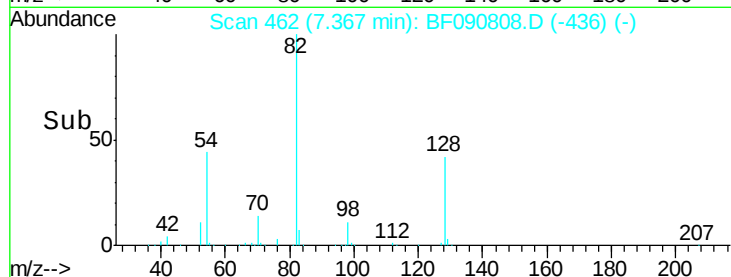
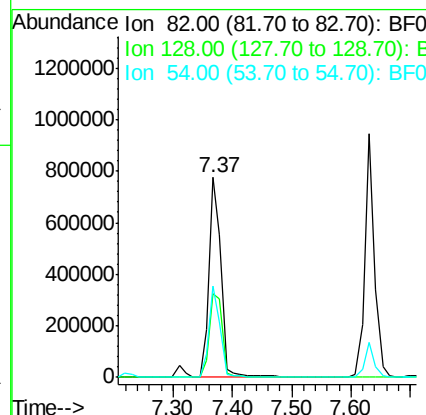
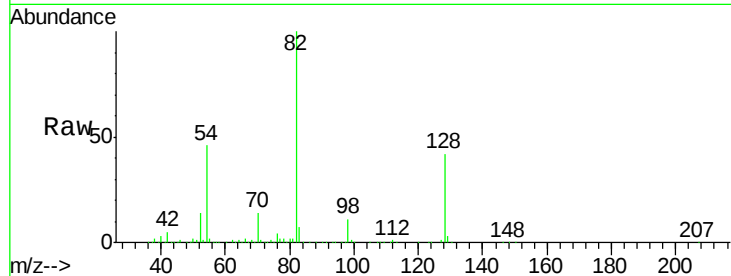
#23
Nitrobenzene-d5
Concen: 70.44 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1122355
Ion Ratio	100	Lower	Upper
82	100		
128	41.9	51.0	76.6#
54	46.0	47.5	71.3#

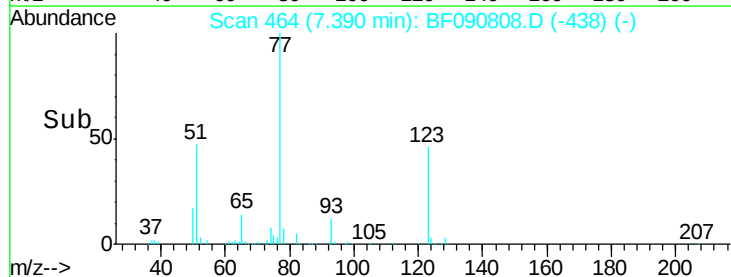
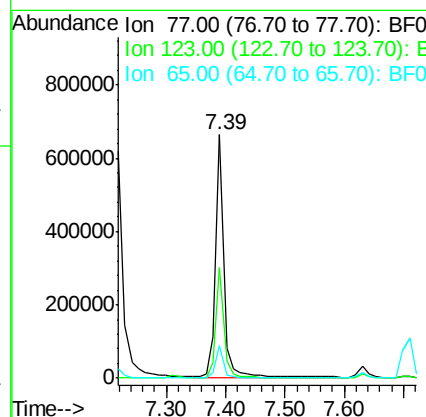
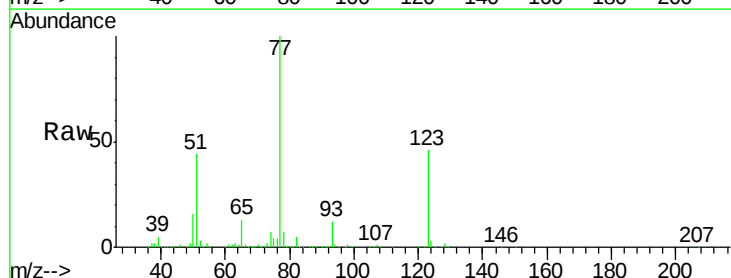
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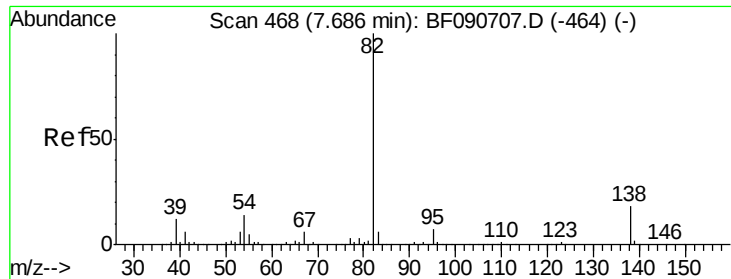
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#24
Nitrobenzene
Concen: 37.23 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	77	Resp	643164
Ion Ratio	100	Lower	Upper
77	100		
123	45.5	59.8	89.8#
65	13.1	10.2	15.4





#25

Isophorone

Concen: 35.08 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

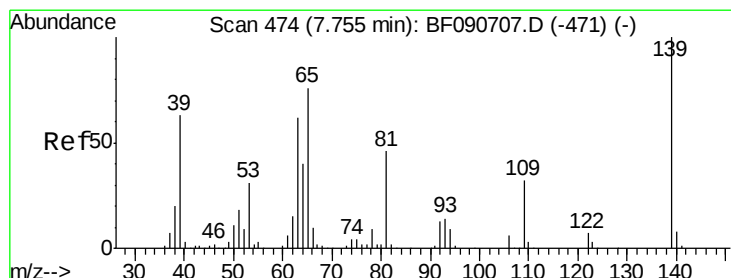
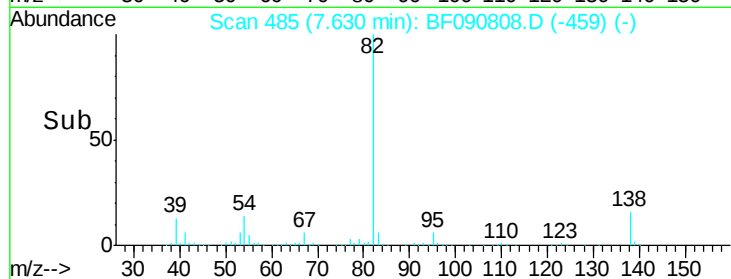
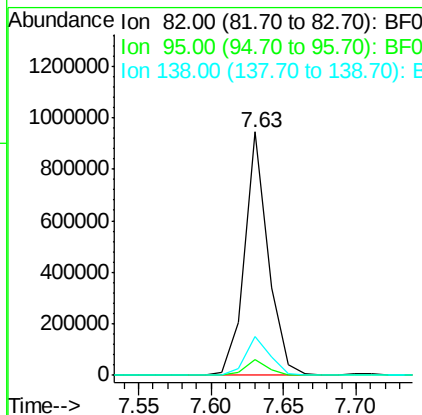
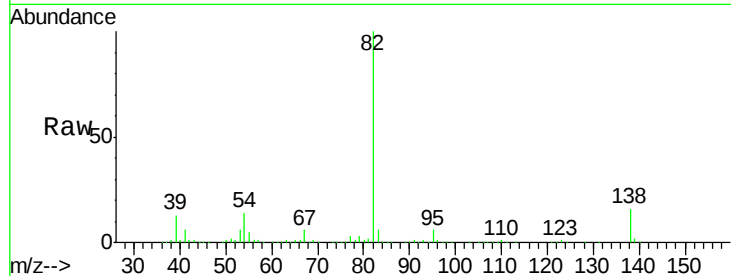
SSTDCCC040

Tot Ion: 82 Resp: 1057984

Ion	Ratio	Lower	Upper
82	100		
95	6.4	4.0	6.0#
138	16.0	18.3	27.5#

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#26

2-Nitrophenol

Concen: 44.00 ng

RT: 7.71 min Scan# 492

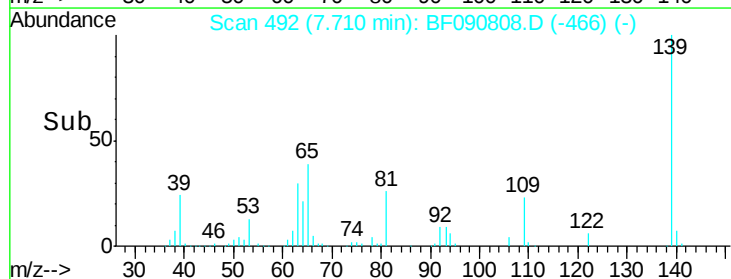
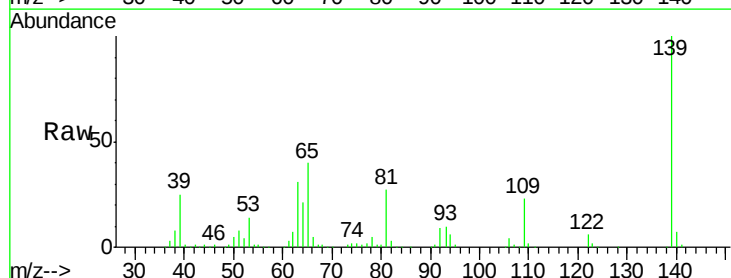
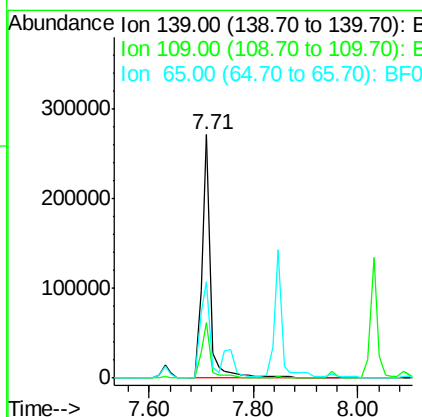
Delta R.T. 0.00 min

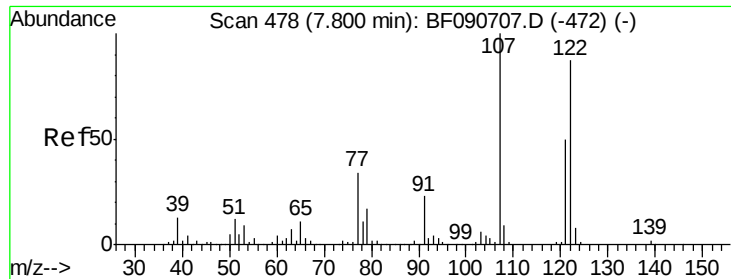
Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion: 139 Resp: 310476

Ion	Ratio	Lower	Upper
139	100		
109	22.8	11.0	16.4#
65	39.8	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 38.99 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

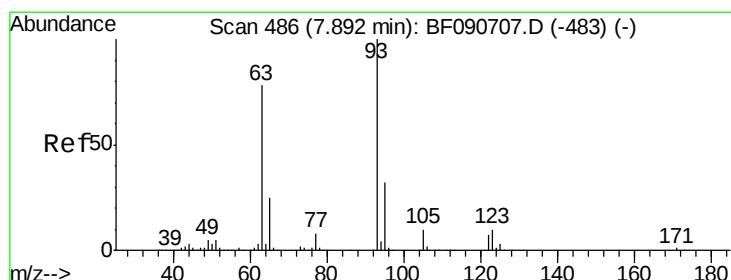
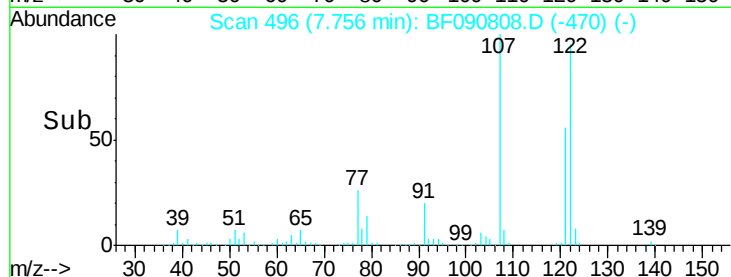
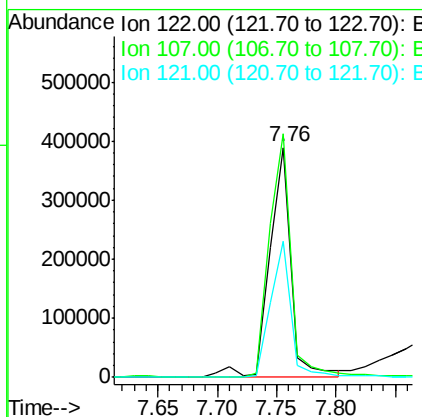
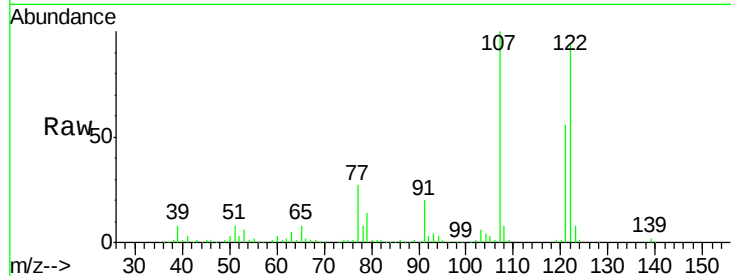
ClientSampled :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
487866	122	100			
	107	105.9	71.8	107.6	
	121	59.0	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 39.97 ng

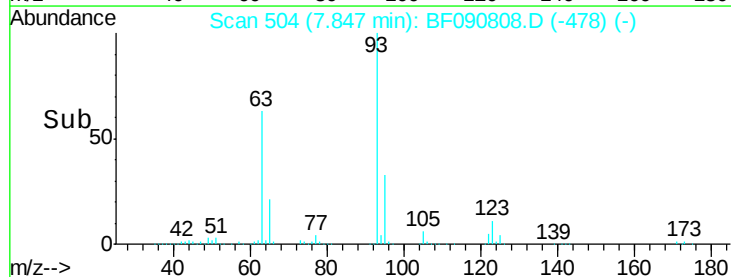
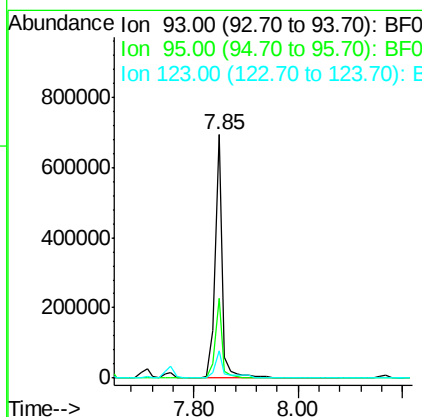
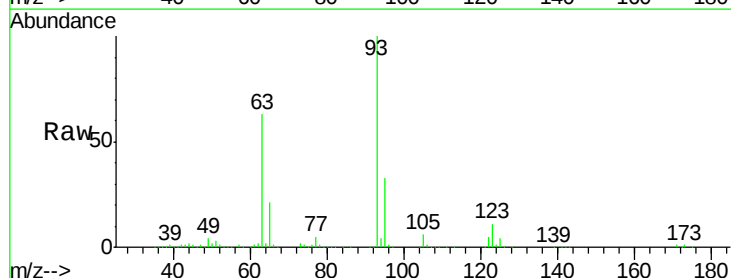
RT: 7.85 min Scan# 504

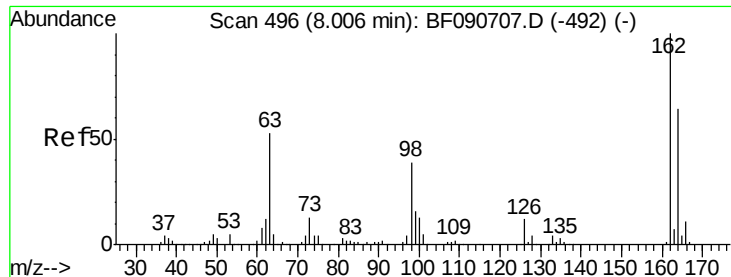
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
659576	93	100			
	95	32.9	27.5	41.3	
	123	11.5	13.7	20.5	





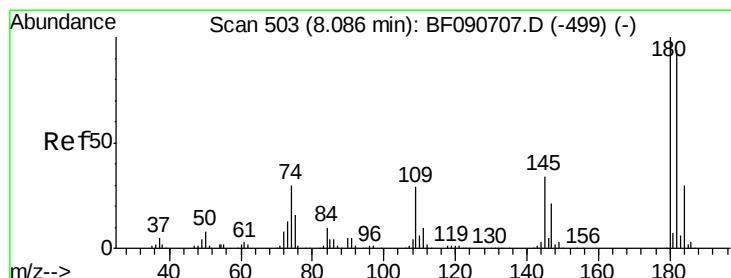
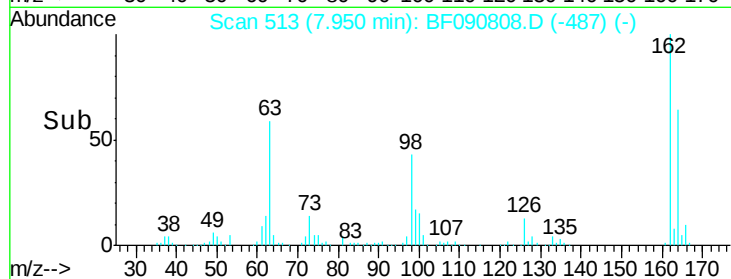
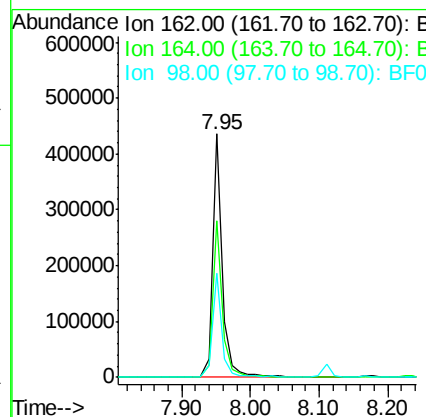
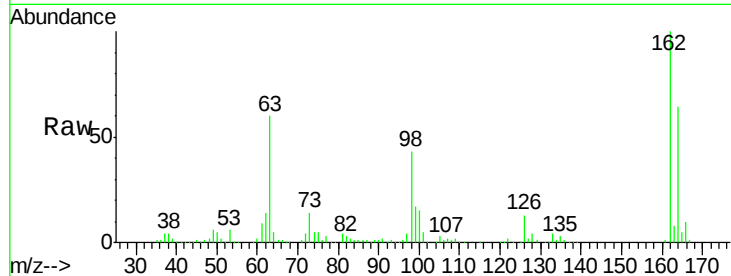
#29
 2,4-Dichlorophenol
 Concen: 42.22 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	433601
Ion Ratio		Lower	Upper
162	100		
164	64.5	44.9	84.9
98	42.5	13.0	53.0

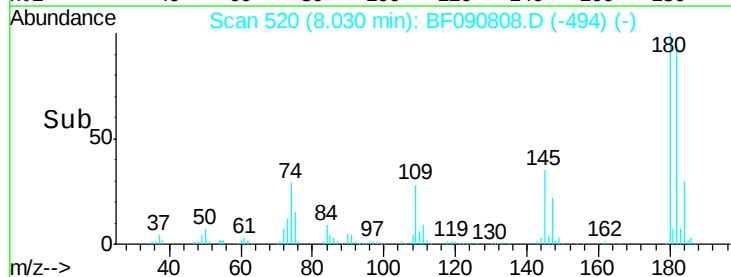
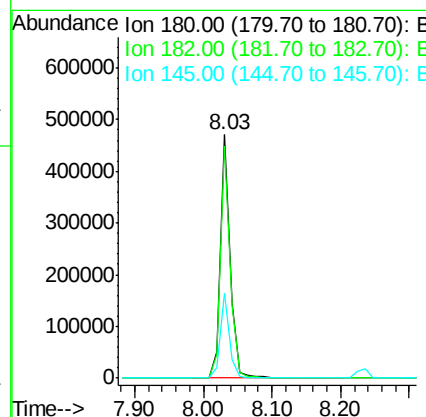
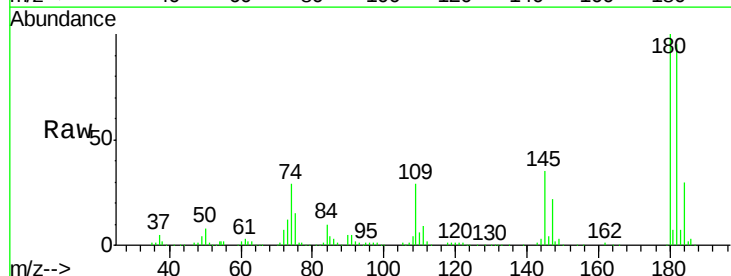
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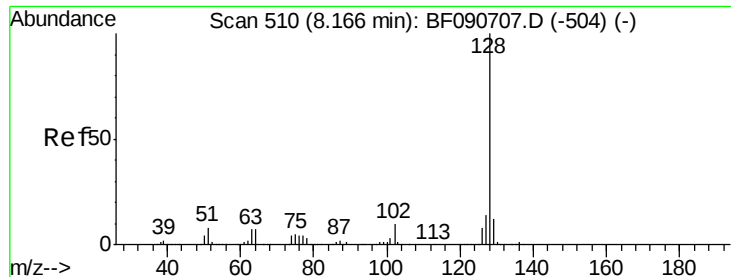
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.40 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion:	180	Resp:	476150
Ion Ratio		Lower	Upper
180	100		
182	95.2	77.1	115.7
145	34.6	23.3	34.9





#31

Naphthalene

Concen: 35.25 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1506760

Ion Ratio Lower Upper

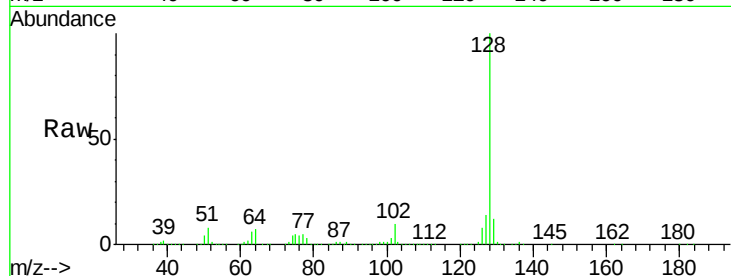
128 100

129 12.0 8.4 12.6

127 13.6 9.9 14.9

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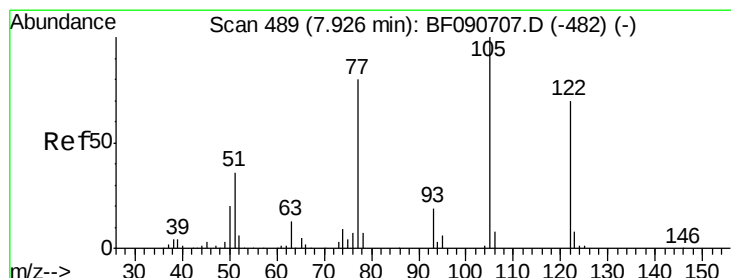
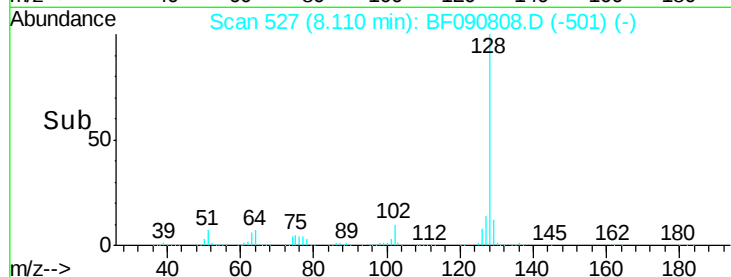
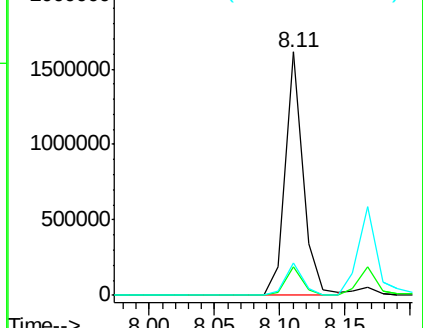
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.83 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

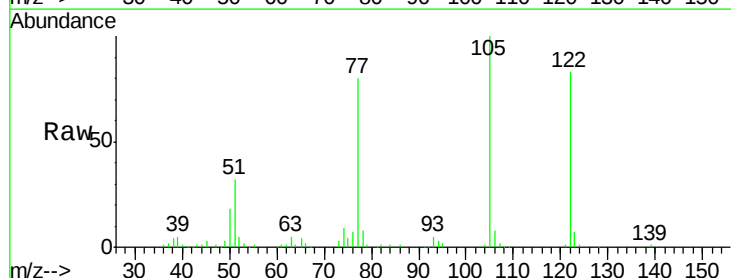
Tgt Ion:122 Resp: 390251

Ion Ratio Lower Upper

122 100

105 121.0 76.1 116.1#

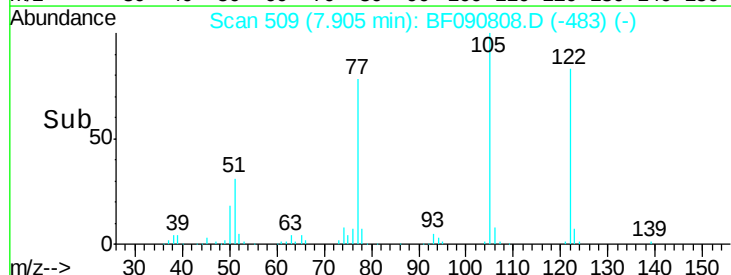
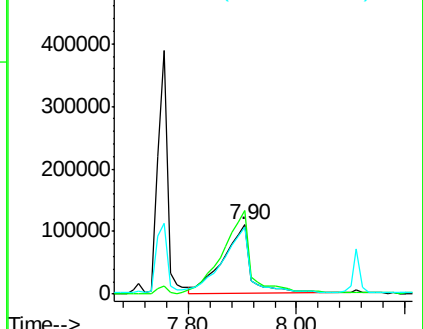
77 96.3 40.5 80.5#

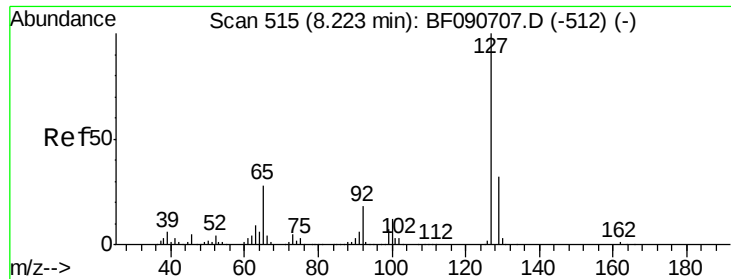


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





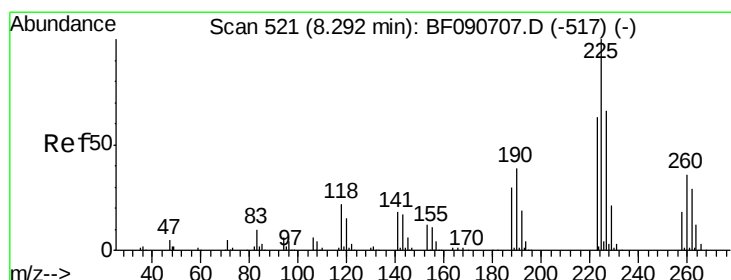
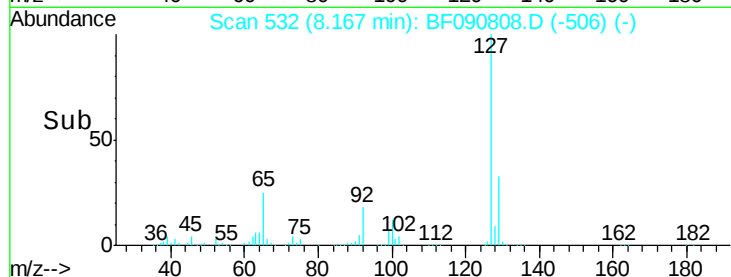
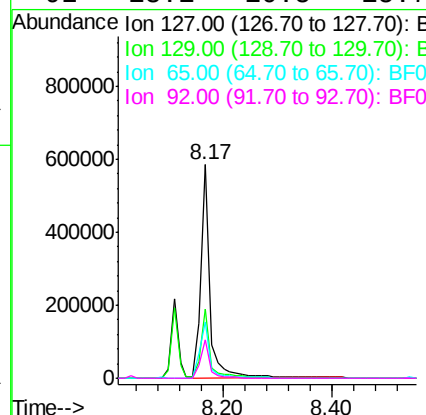
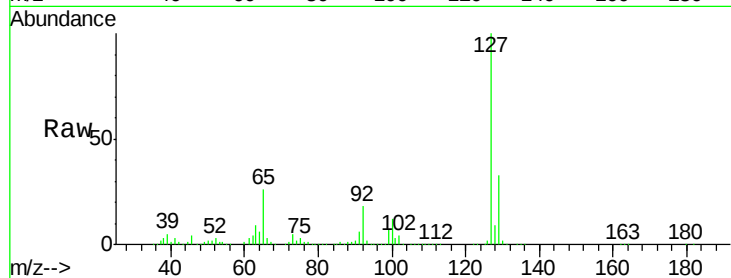
#33
 4-Chloroaniline
 Concen: 41.85 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	26.5	17.9	26.9
92	18.1	10.5	15.7

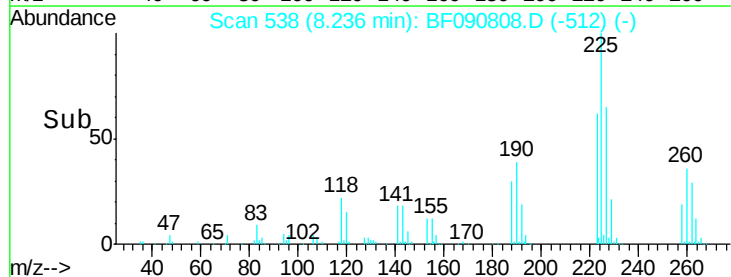
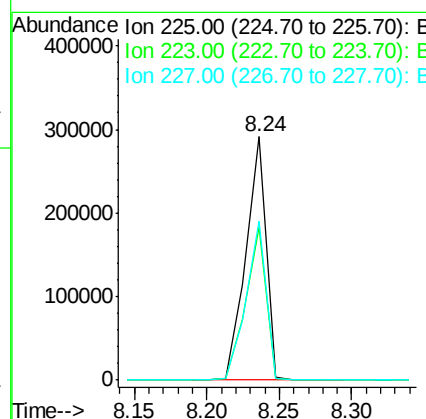
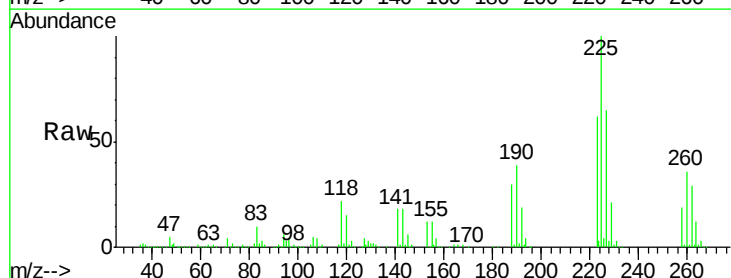
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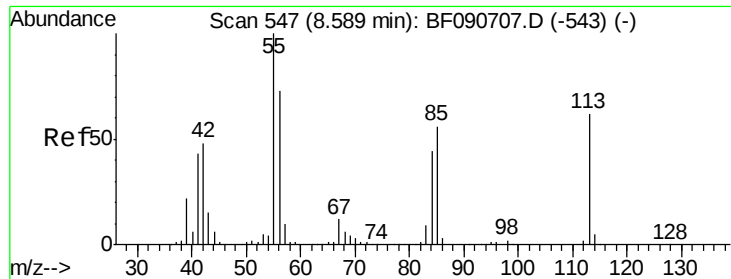
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#34
 Hexachlorobutadiene
 Concen: 41.54 ng
 RT: 8.24 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	65.4	52.2	78.2





#35

Caprolactam

Concen: 44.91 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

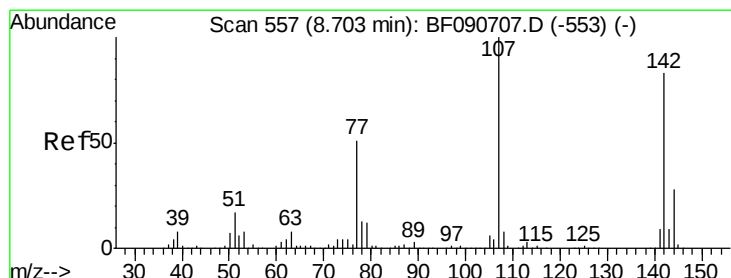
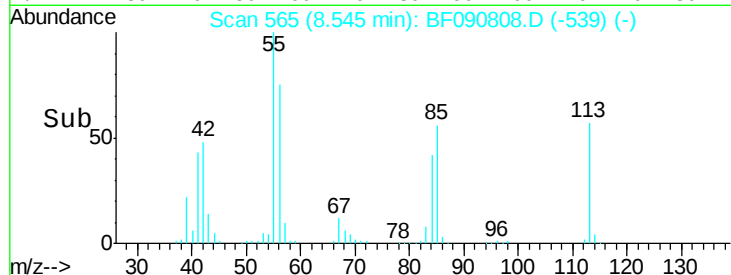
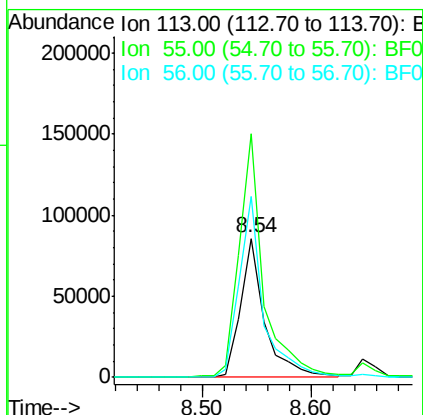
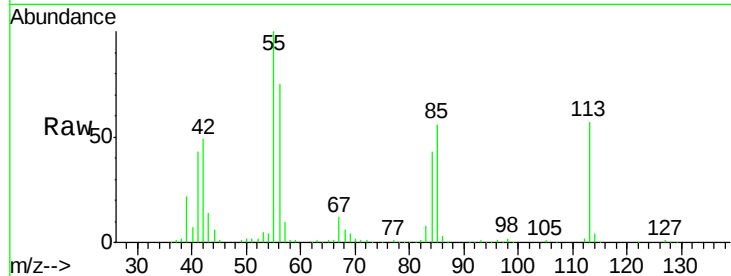
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	131725
Ion Ratio	Lower	Upper	
113	100		
55	175.1	152.4	192.4
56	130.5	104.6	144.6

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#36

4-Chloro-3-methylphenol

Concen: 38.78 ng

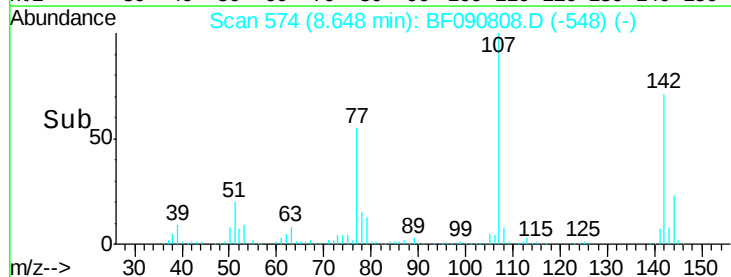
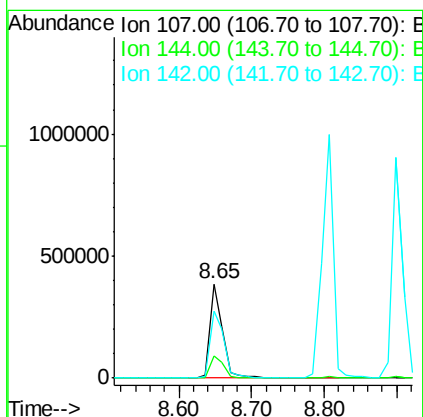
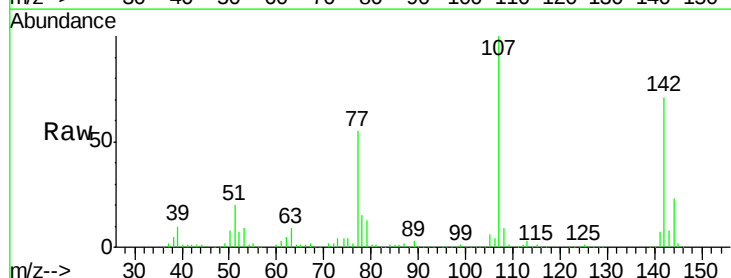
RT: 8.65 min Scan# 574

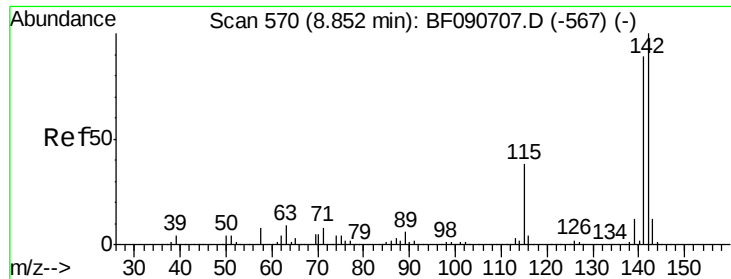
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion:	107	Resp:	463248
Ion Ratio	Lower	Upper	
107	100		
144	23.0	25.4	38.0#
142	71.3	77.3	115.9#





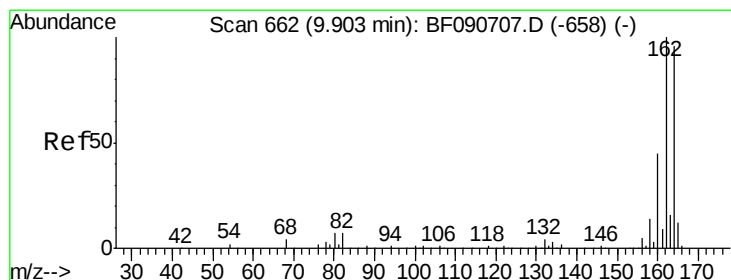
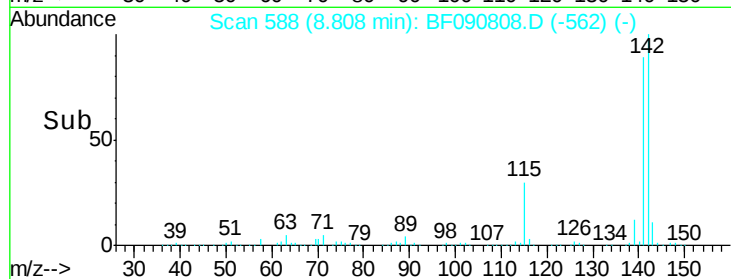
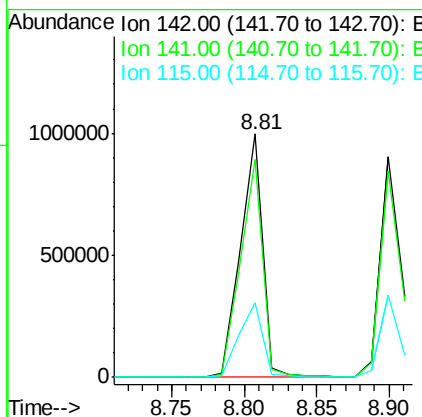
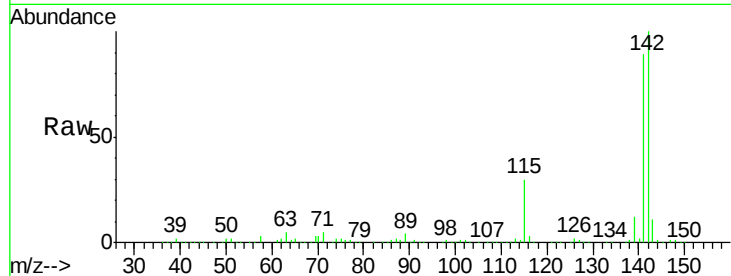
#37
 2-Methylnaphthalene
 Concen: 42.51 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.5	101.3
115	30.4	18.2	27.2

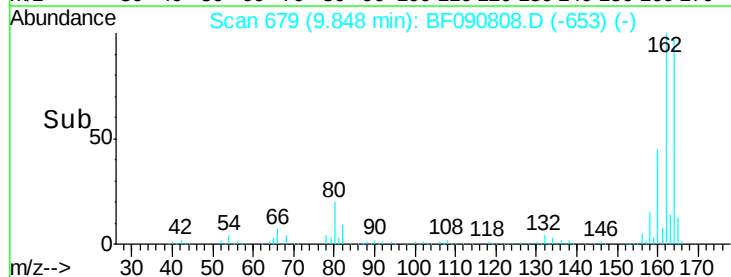
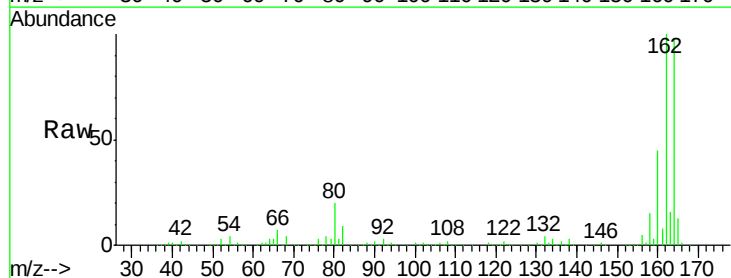
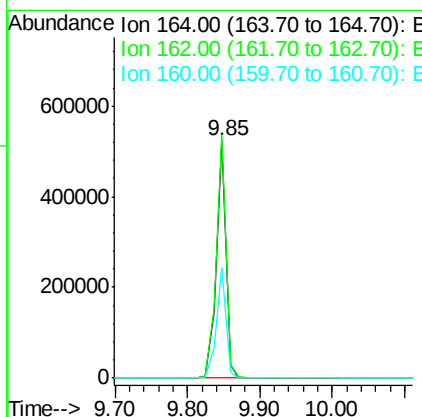
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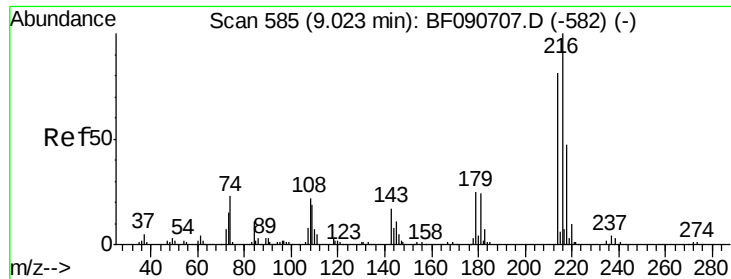
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	75.2	112.8
160	46.5	31.5	47.3





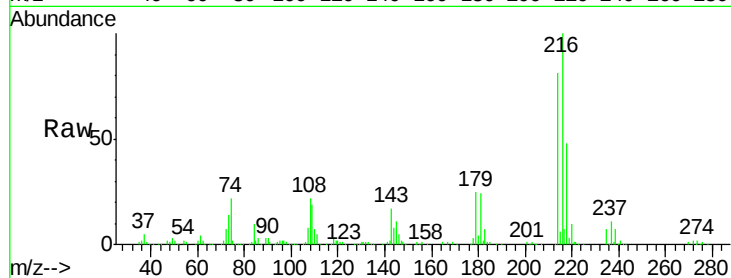
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.31 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

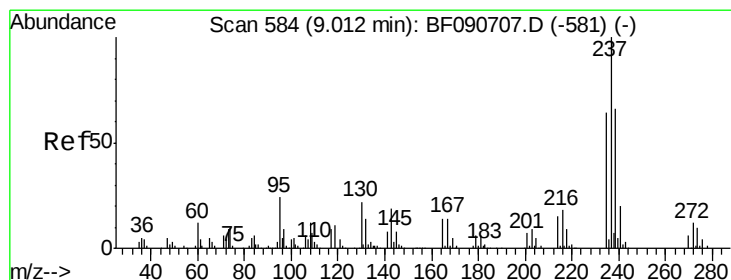
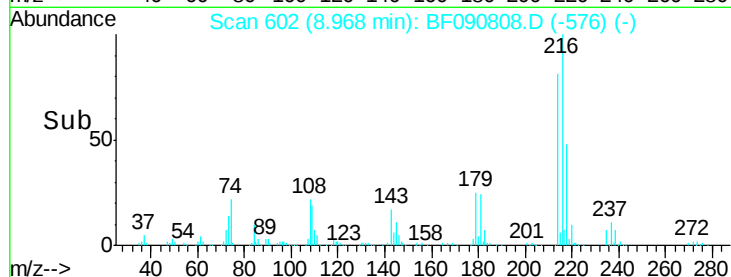
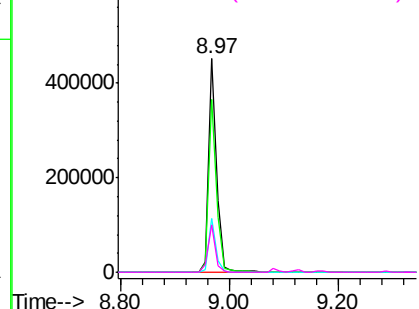
Tot Ion:	216	Resp:	452141
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.5	95.3
179	22.9	16.6	24.8
108	20.2	16.3	24.5

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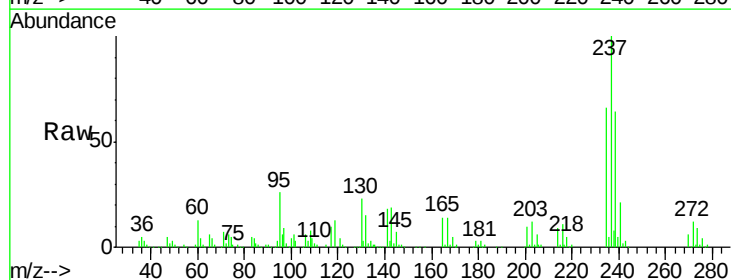


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

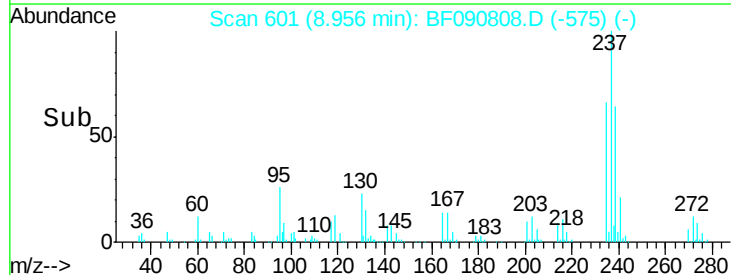
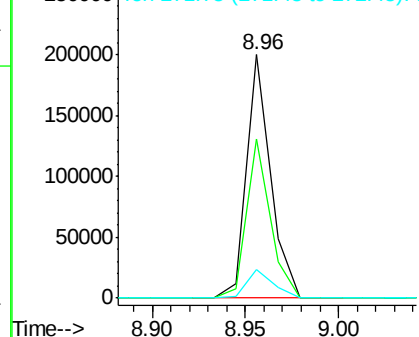


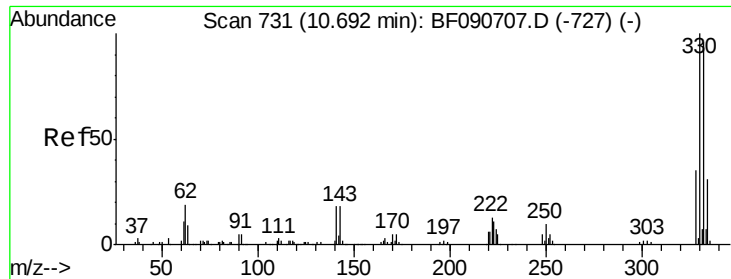
#40
 Hexachlorocyclopentadiene
 Concen: 29.03 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion:	237	Resp:	179553
Ion Ratio	Lower	Upper	
237	100		
235	65.6	42.0	82.0
272	11.5	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





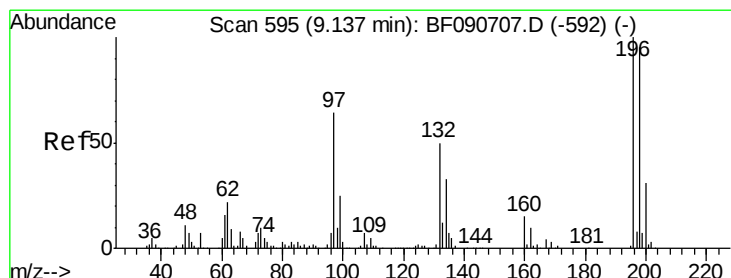
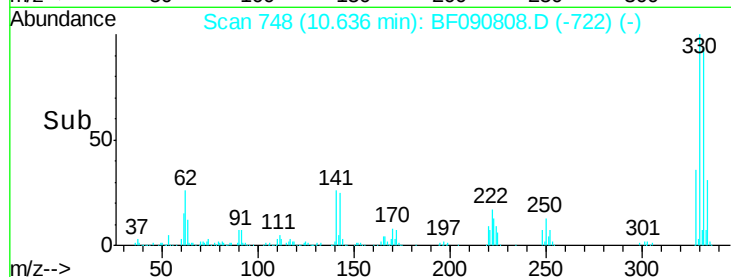
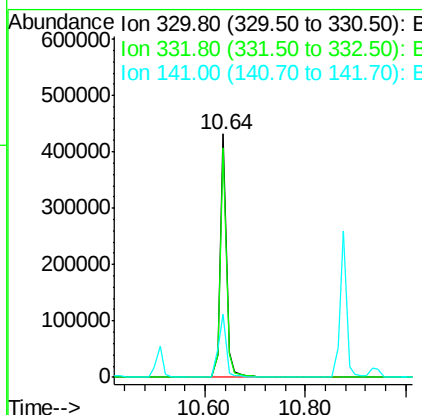
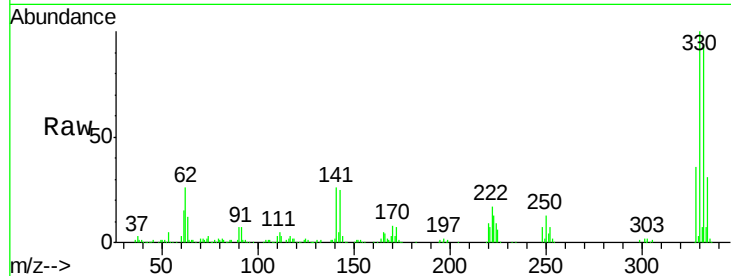
#41
 2,4,6-Tribromophenol
 Concen: 97.07 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	374896		
332	94.4	76.6	114.8	
141	33.2	29.7	44.5	

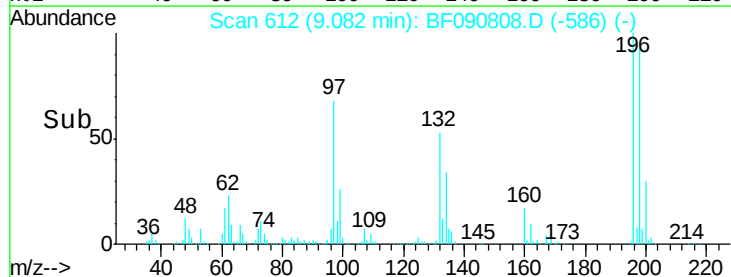
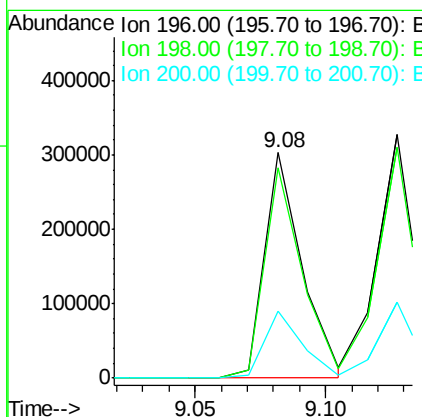
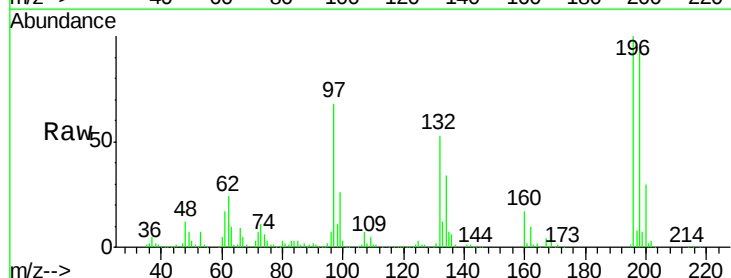
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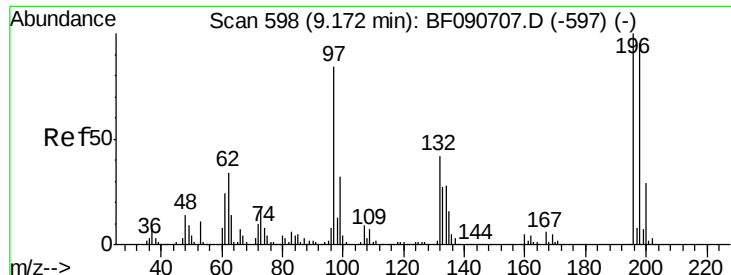
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#42
 2,4,6-Trichlorophenol
 Concen: 37.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304859		
198	93.5	75.7	113.5	
200	29.8	23.9	35.9	





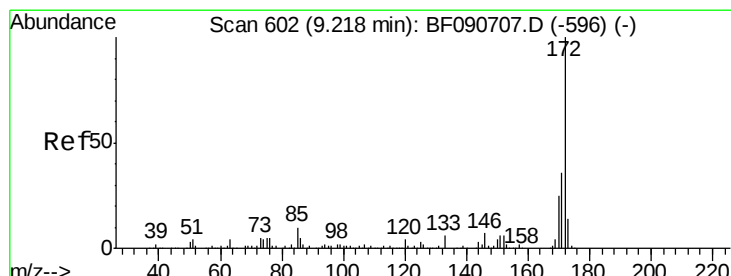
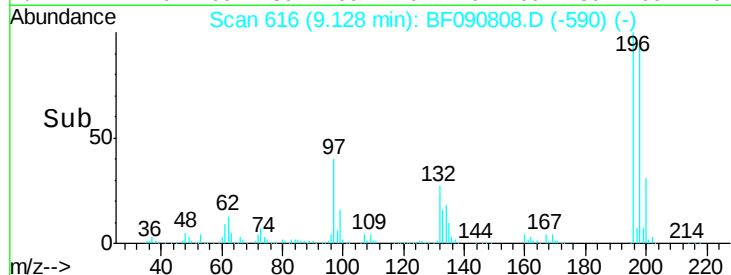
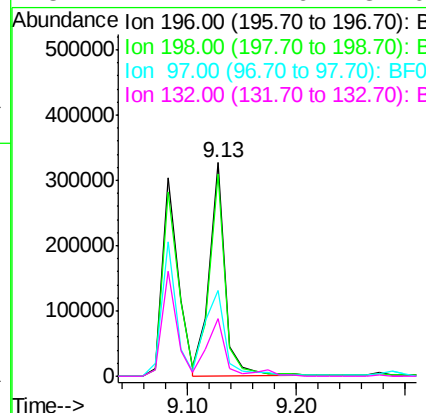
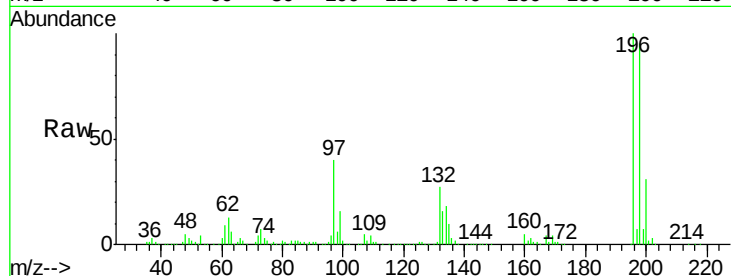
#43
2,4,5-Trichlorophenol
Concen: 40.59 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		336558		
198	94.9	75.4	113.0		
97	40.2	33.3	49.9		
132	27.1	24.6	37.0		

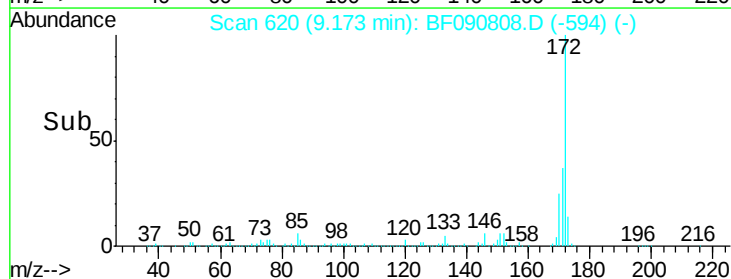
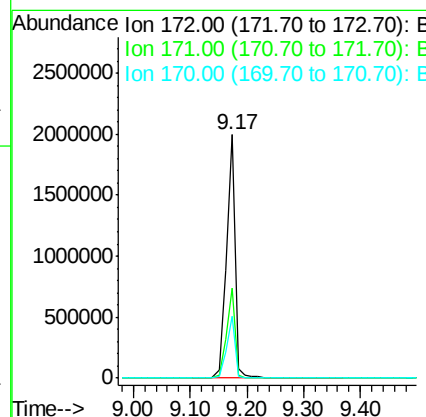
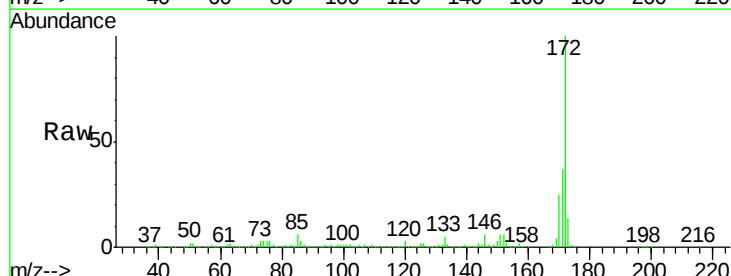
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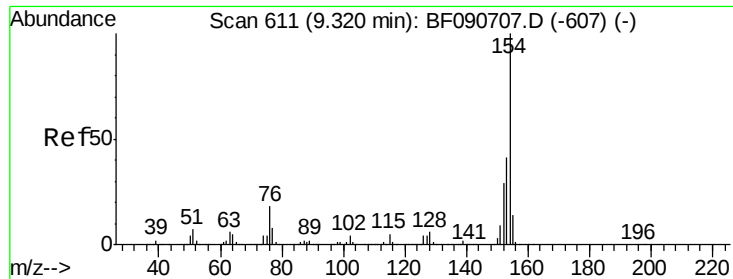
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#44
2-Fluorobiphenyl
Concen: 67.60 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2125043		
171	37.0	26.1	39.1		
170	25.4	17.4	26.2		





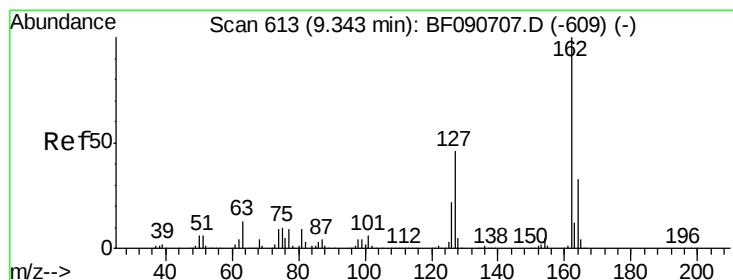
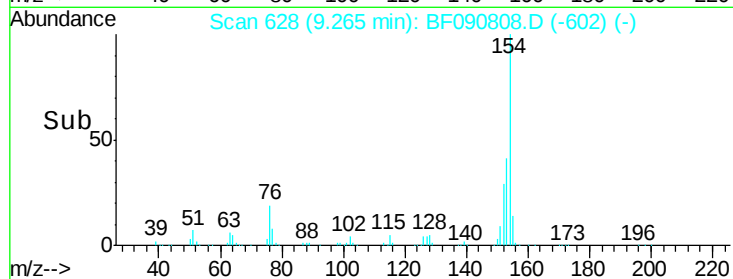
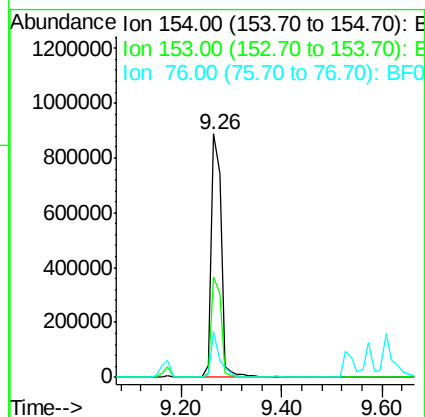
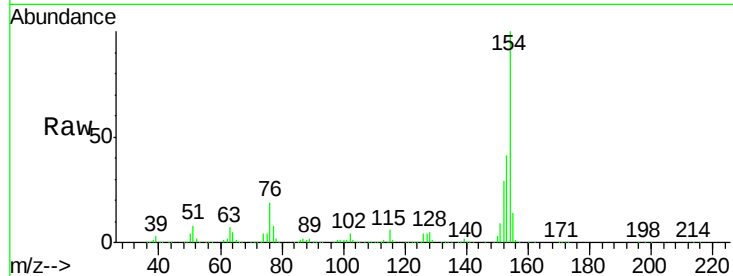
#45
 1,1'-Biphenyl
 Concen: 32.07 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	17.1	57.1
76	18.6	0.0	31.6

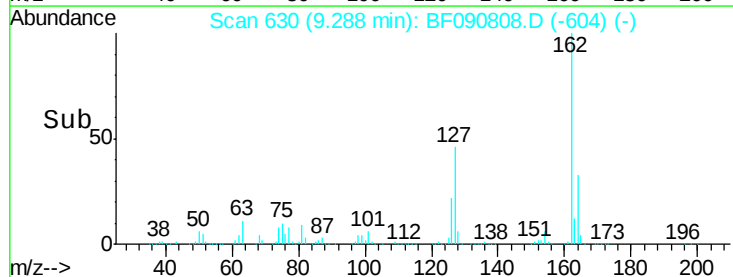
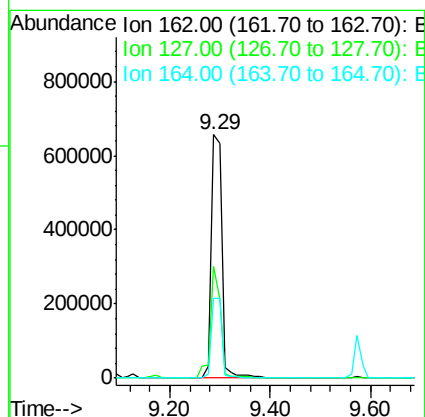
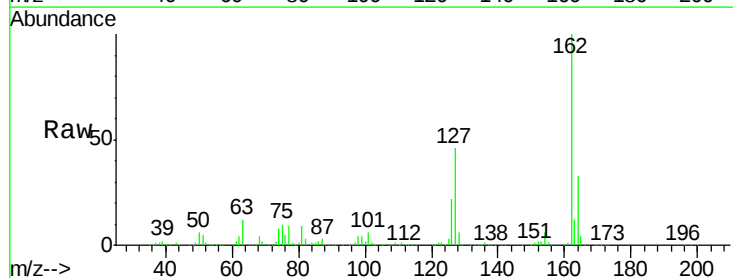
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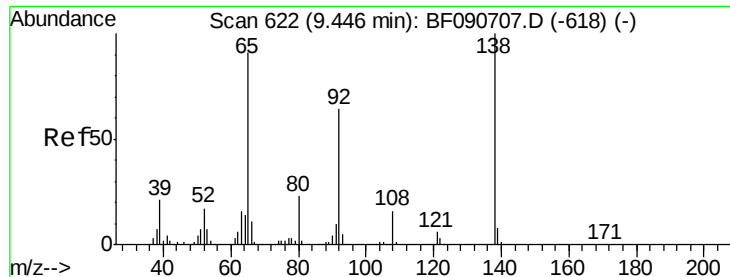
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#46
 2-Chloronaphthalene
 Concen: 34.10 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.9	27.6	41.4#
164	32.8	25.4	38.2





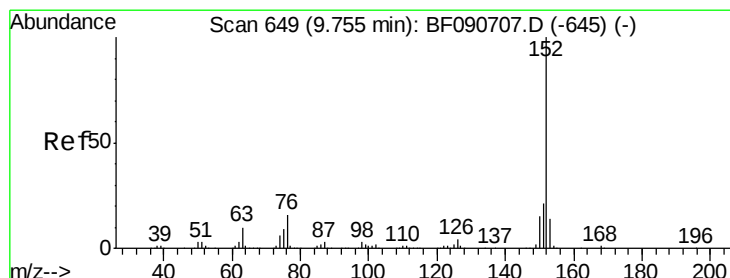
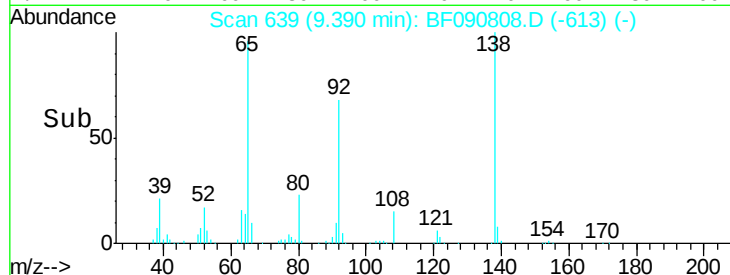
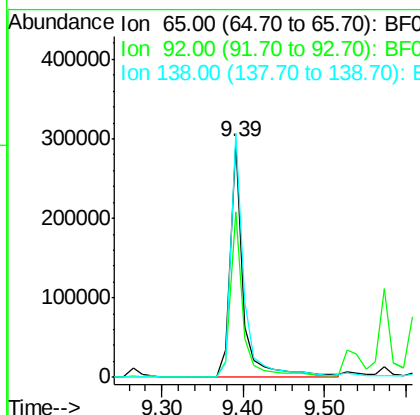
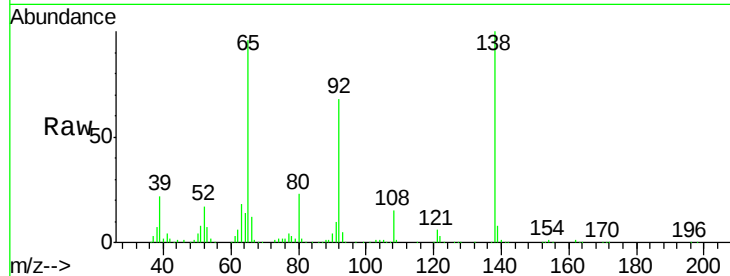
#47
2-Nitroaniline
Concen: 34.19 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.4	83.0
138	103.7	115.5	173.3

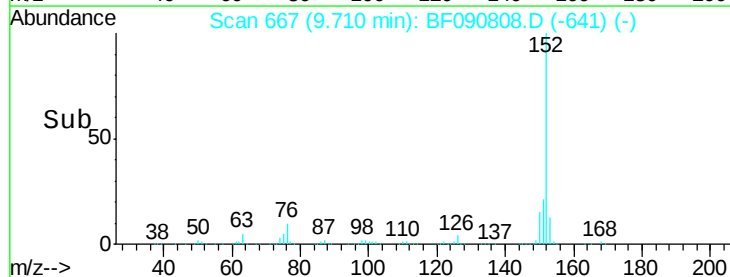
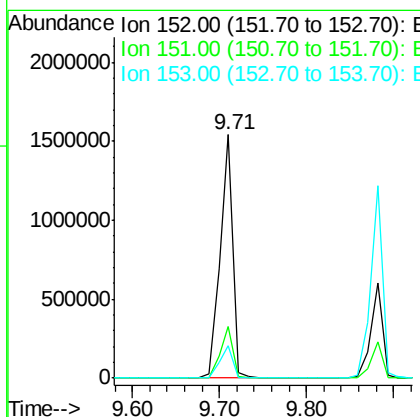
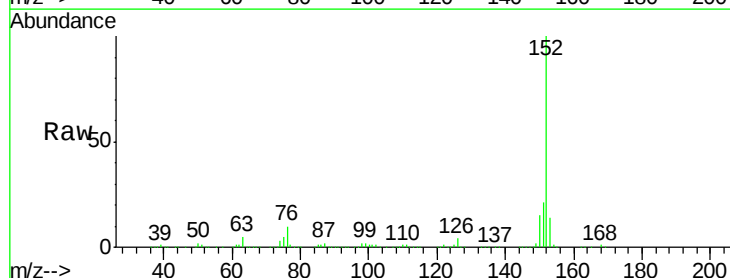
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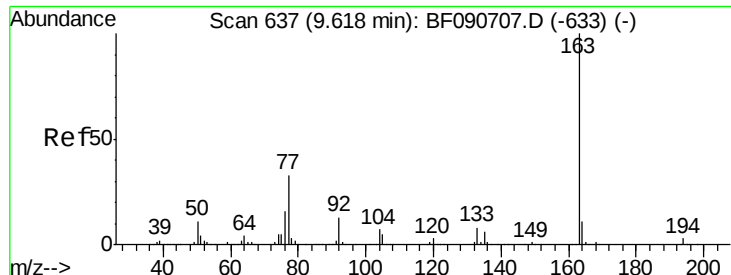
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#48
Acenaphthylene
Concen: 36.72 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	14.6	22.0
153	13.5	10.3	15.5





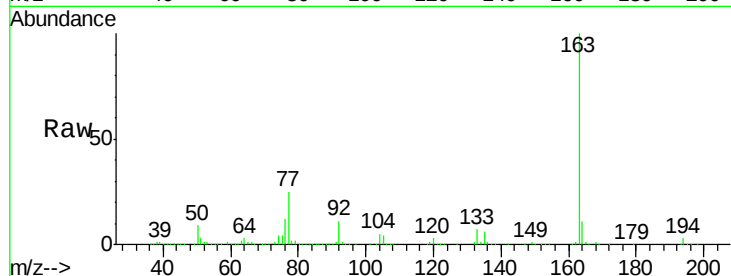
#49
Dimethylphthalate
Concen: 34.40 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

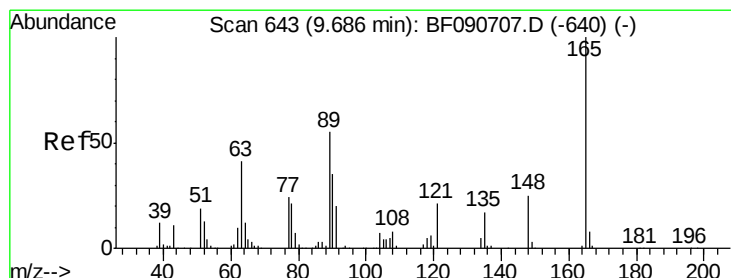
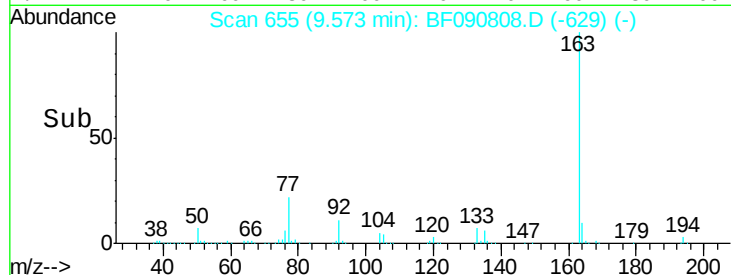
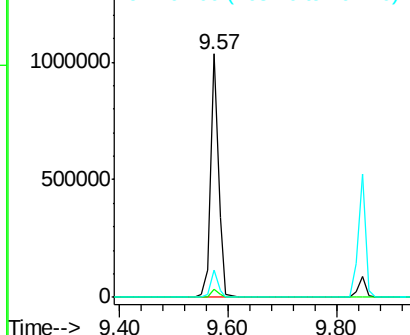
Tot Ion:163 Resp: 1054812
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 11.0 8.3 12.5

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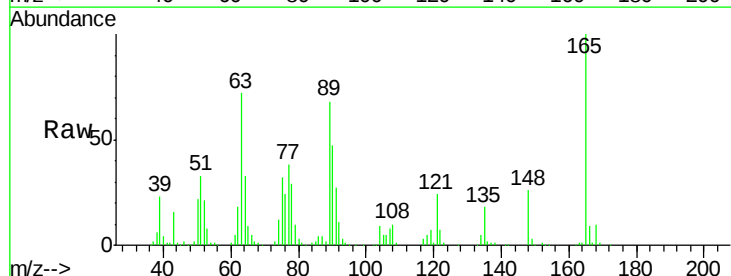


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

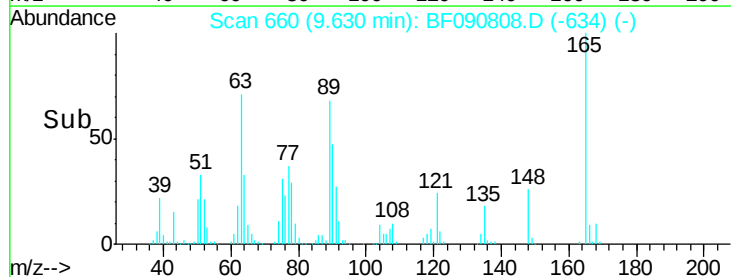
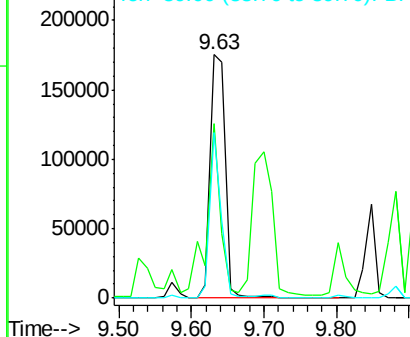


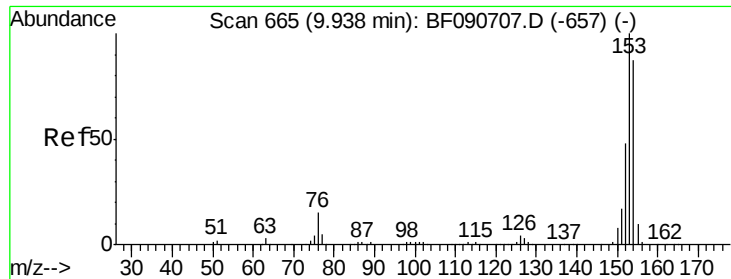
#50
2,6-Dinitrotoluene
Concen: 38.73 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion:165 Resp: 255349
Ion Ratio Lower Upper
165 100
63 71.8 32.3 48.5#
89 68.2 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.11 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1070613

Ion Ratio Lower Upper

154 100

153 113.0 82.1 123.1

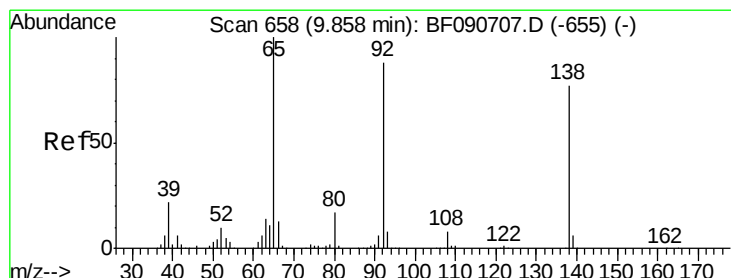
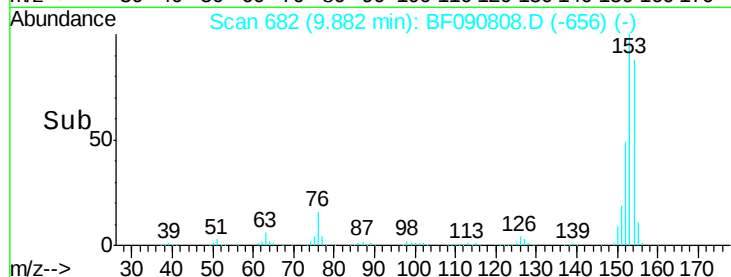
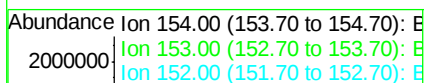
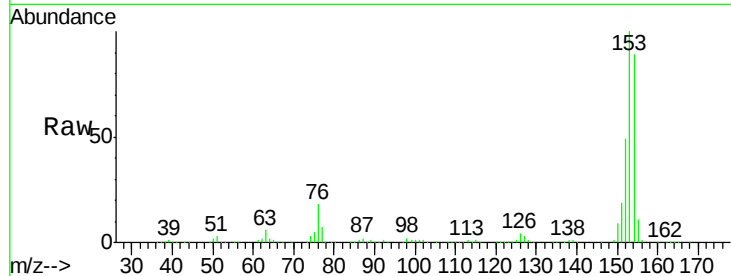
152 55.7 37.9 56.9

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#52

3-Nitroaniline

Concen: 38.73 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

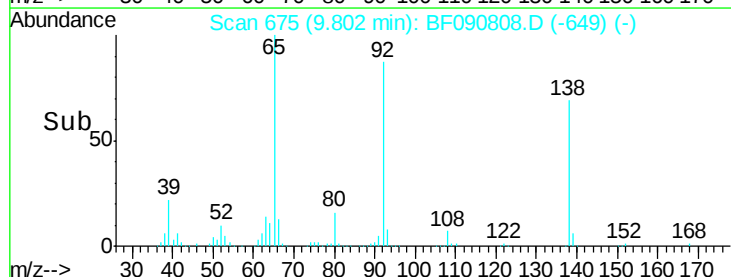
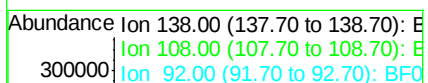
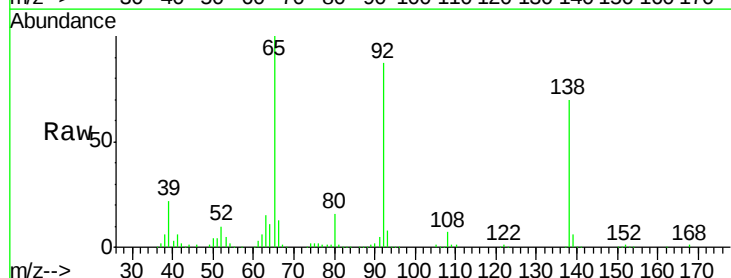
Tgt Ion:138 Resp: 293516

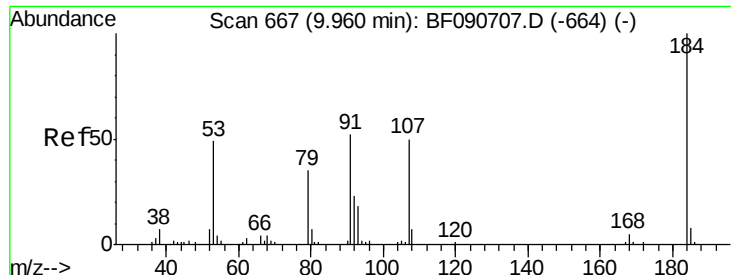
Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

92 124.4 67.7 101.5#





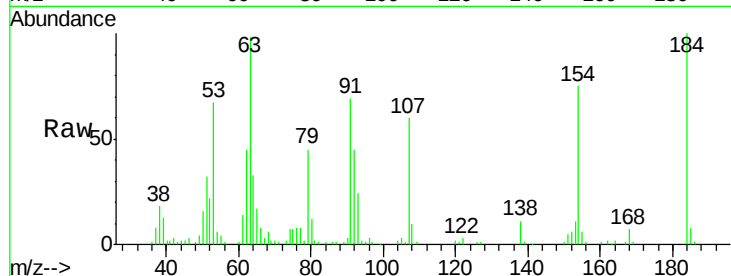
#53
2,4-Dinitrophenol
Concen: 41.22 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

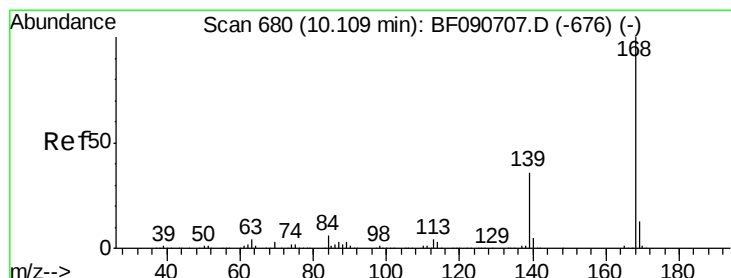
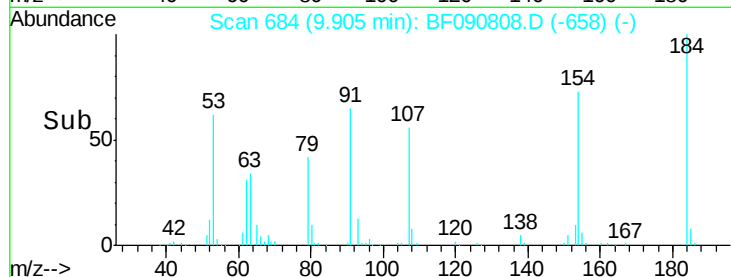
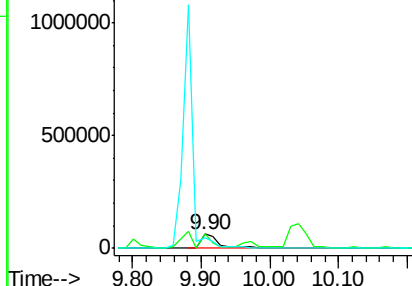
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.6	35.4	53.2#	
154	74.9	32.2	48.4#	

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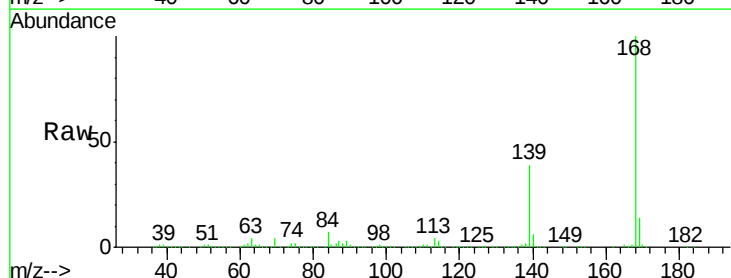


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

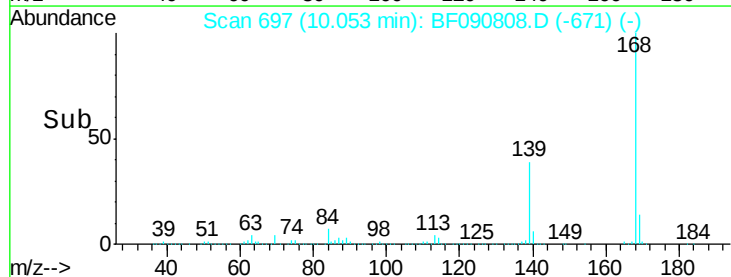
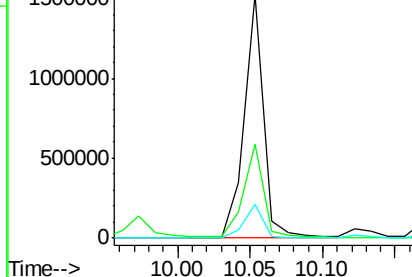


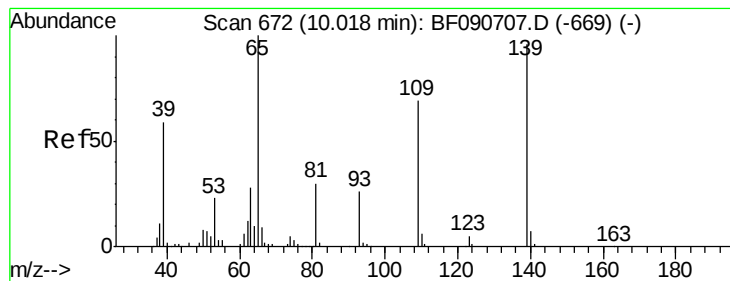
#54
Dibenzofuran
Concen: 40.16 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.7	24.2	36.2#	
169	13.9	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 41.00 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

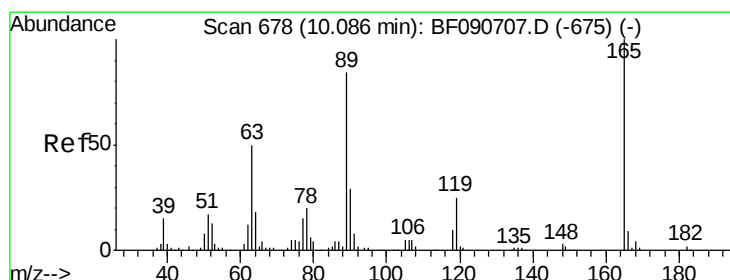
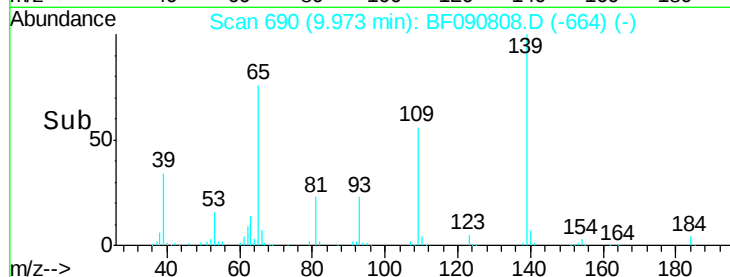
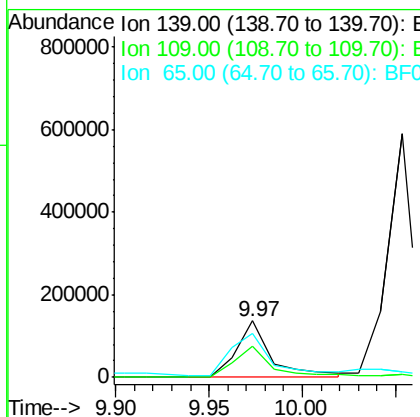
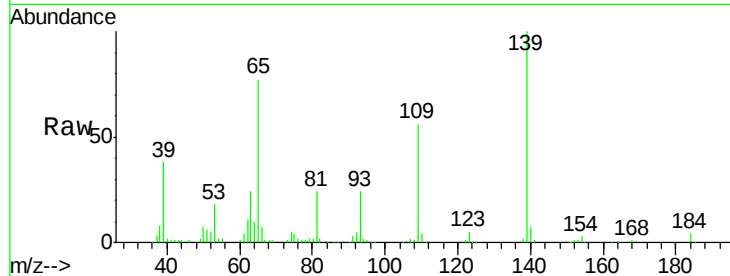
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.8	12.7	52.7#
65	77.4	45.9	85.9

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#56

2,4-Dinitrotoluene

Concen: 45.49 ng

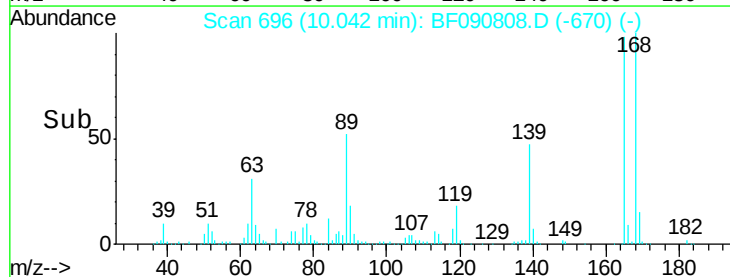
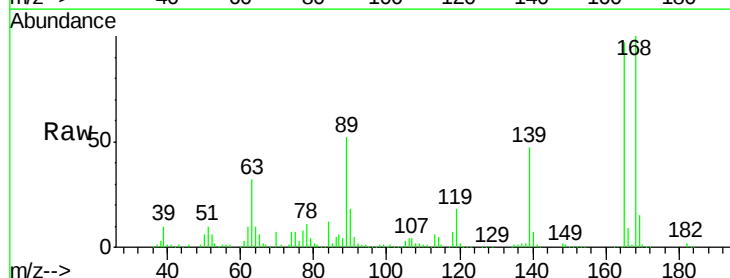
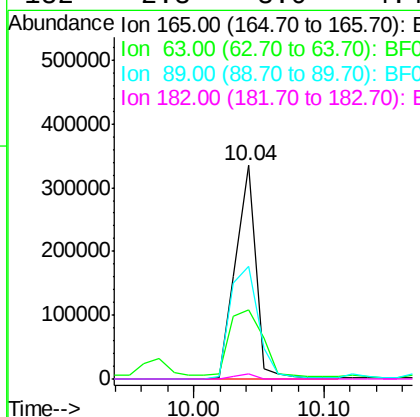
RT: 10.04 min Scan# 696

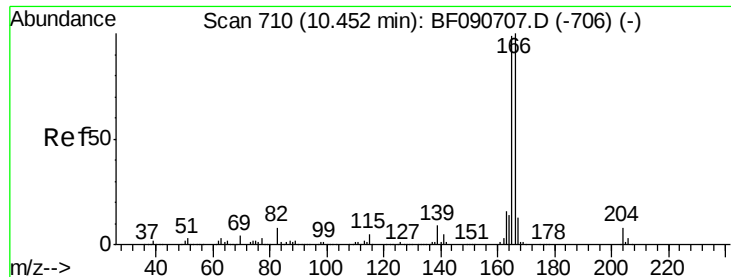
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.5	29.8	44.6
89	53.0	44.5	66.7
182	2.3	3.0	4.4#





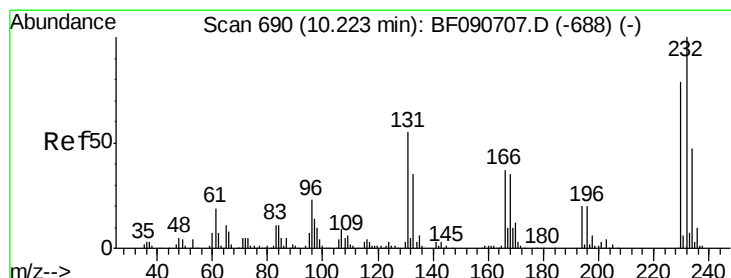
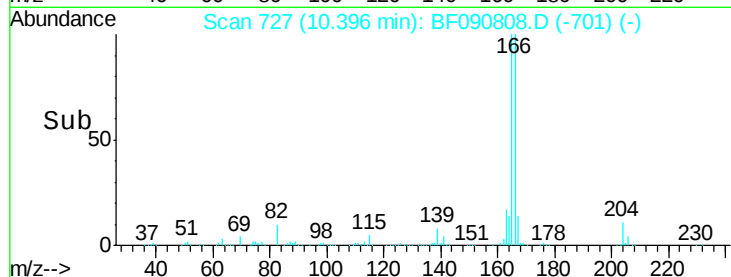
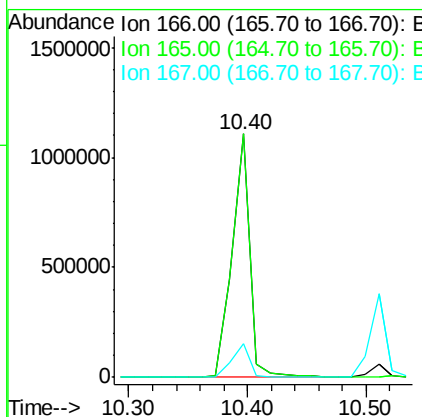
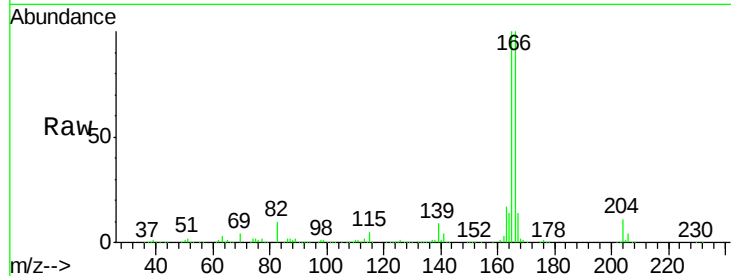
#57
Fluorene
 Concen: 39.43 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	72.6	109.0
167	13.7	10.6	16.0

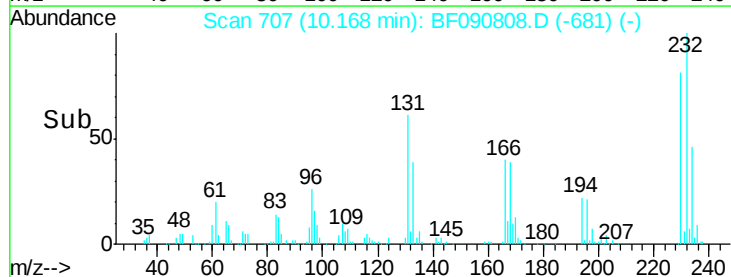
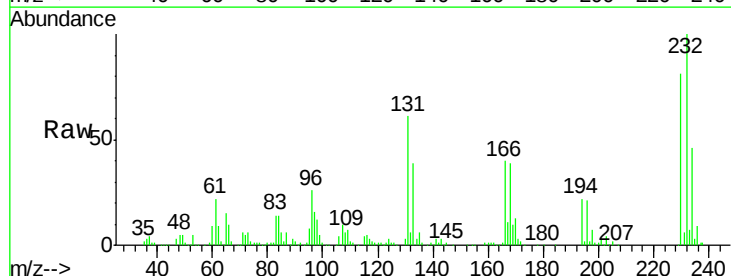
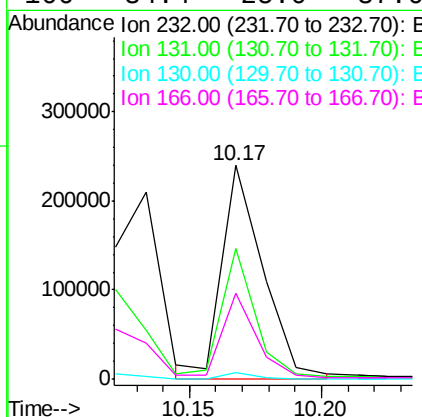
Manual Integrations
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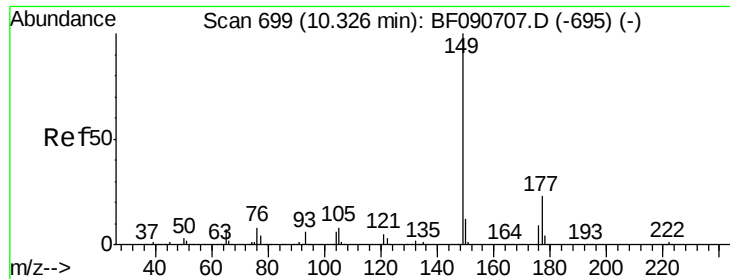
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.98 ng m
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.3	38.5	57.7
130	2.4	1.8	2.6
166	34.4	25.0	37.6





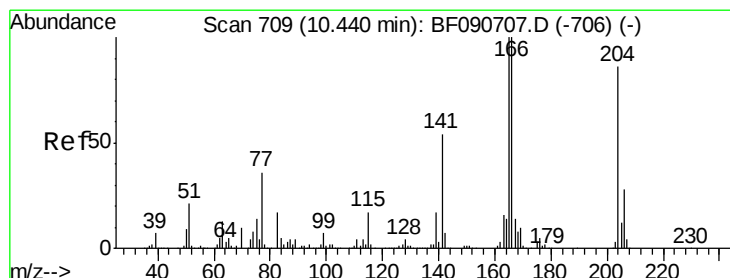
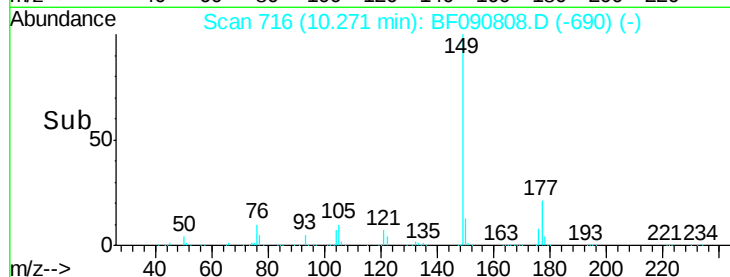
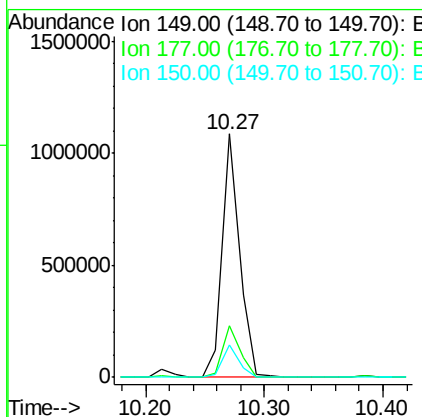
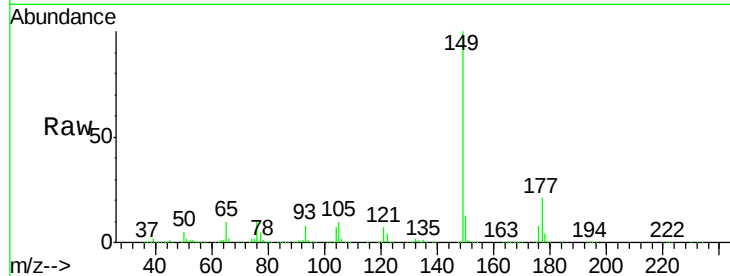
#59
Diethylphthalate
Concen: 34.54 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.5	26.3
150	13.1	9.4	14.2

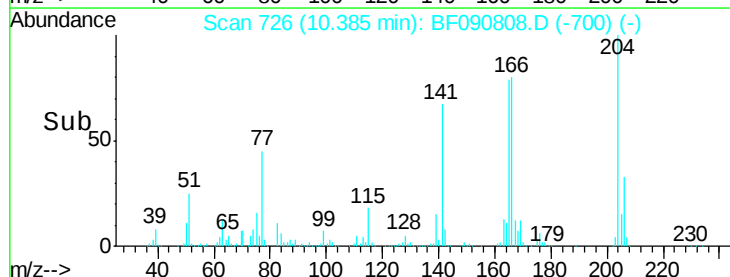
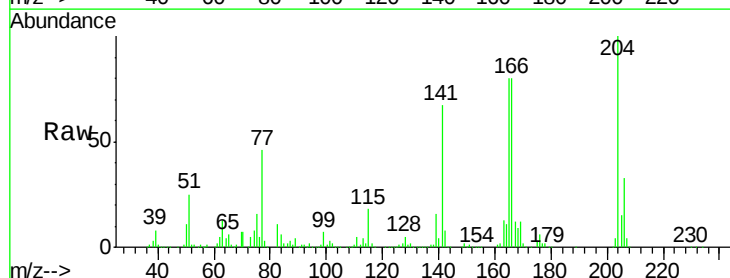
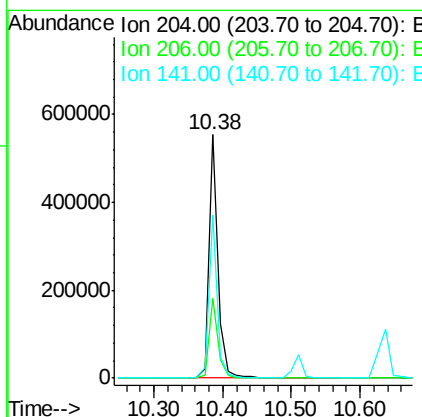
Manual Integrations
APPROVED

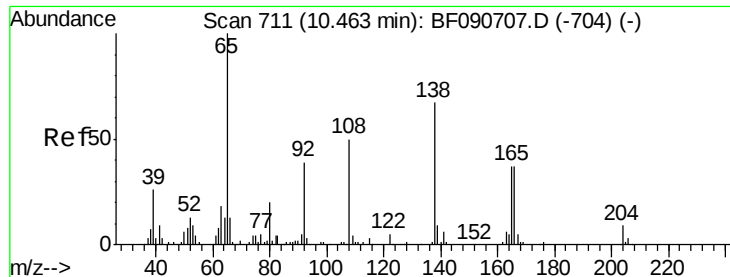
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#60
4-Chlorophenyl-phenylether
Concen: 38.23 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	66.7	42.2	63.4





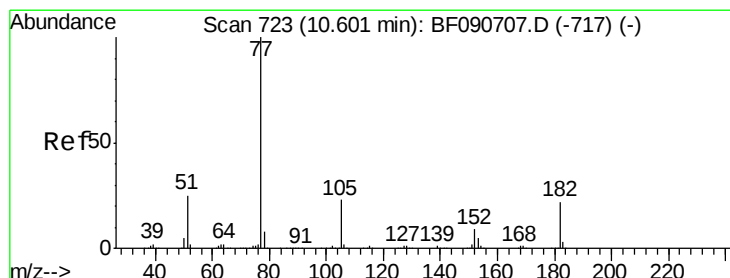
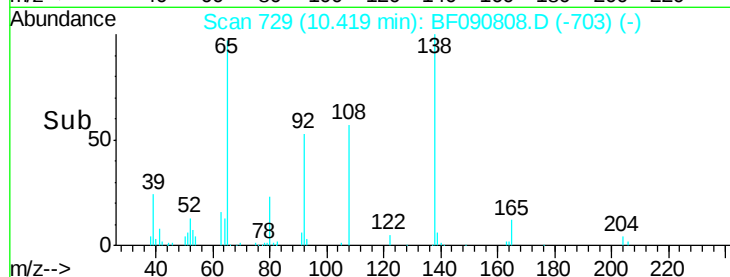
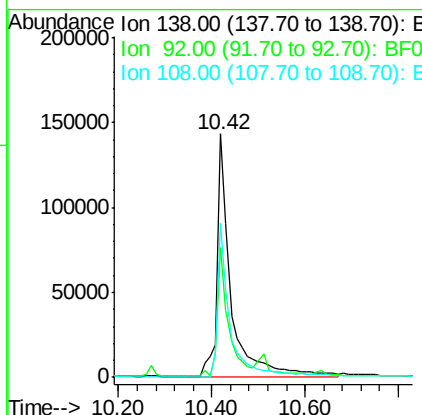
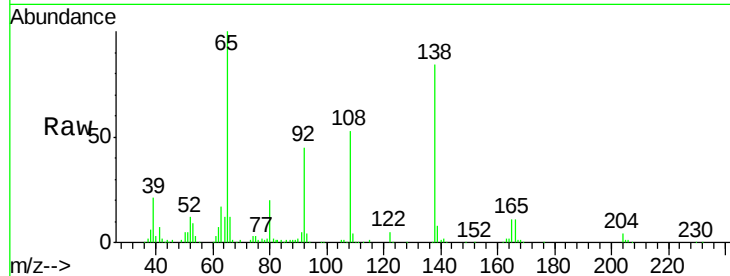
#61
4-Nitroaniline
Concen: 38.54 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	295834		
92	53.5	12.6	52.6#	
108	63.4	12.4	52.4#	

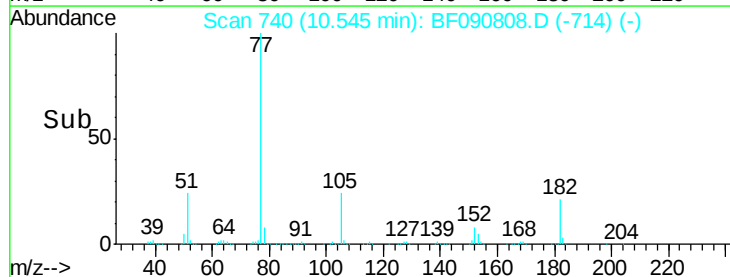
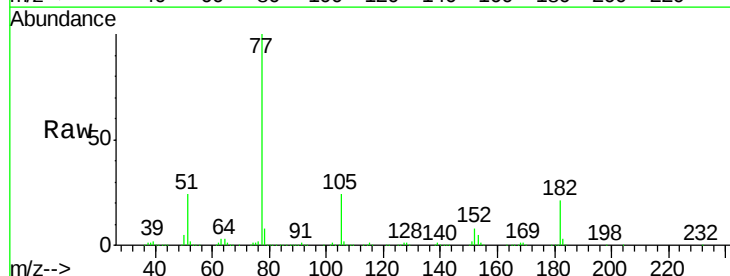
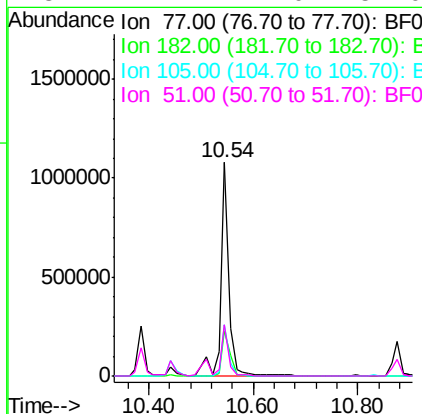
Manual Integrations
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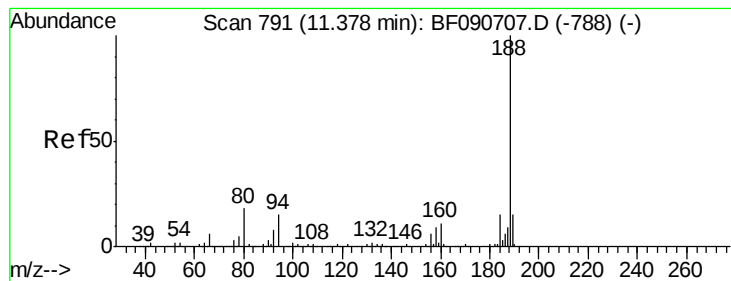
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#62
Azobenzene
Concen: 30.83 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1147979		
182	20.8	15.1	55.1	
105	24.0	3.4	43.4	
51	24.2	12.0	52.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

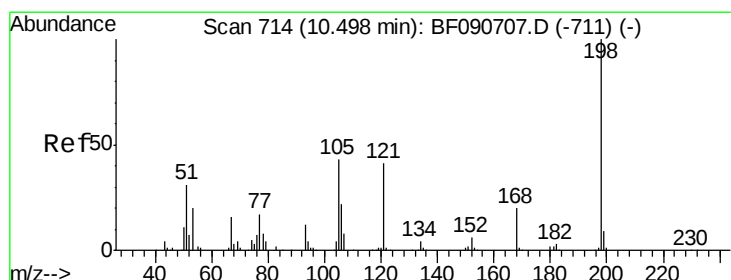
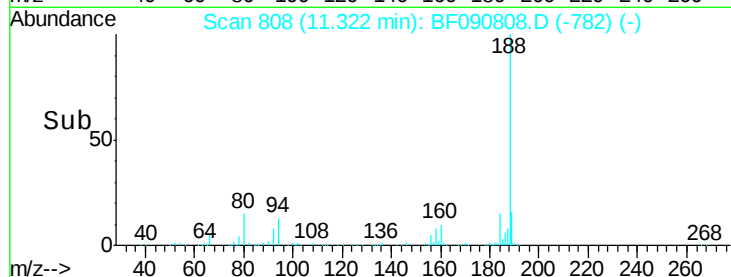
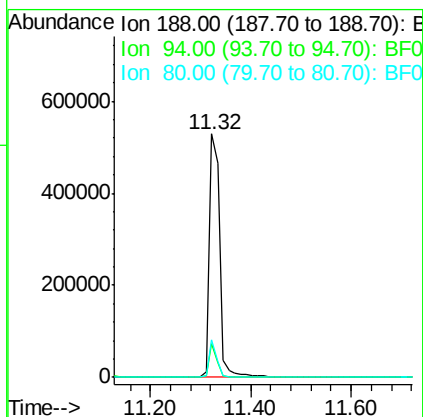
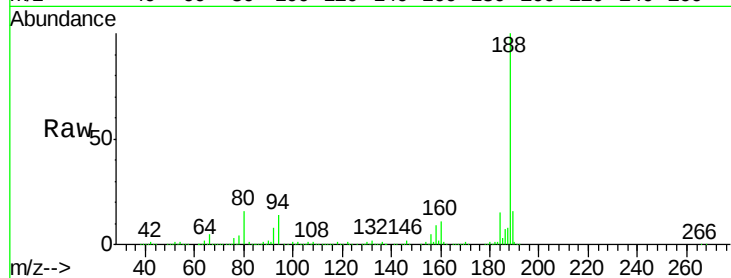
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	756233
Ion Ratio	Lower	Upper	
188	100		
94	13.7	11.1	16.7
80	15.6	11.0	16.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.09 ng

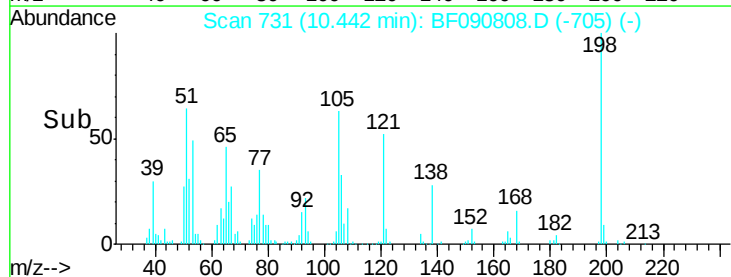
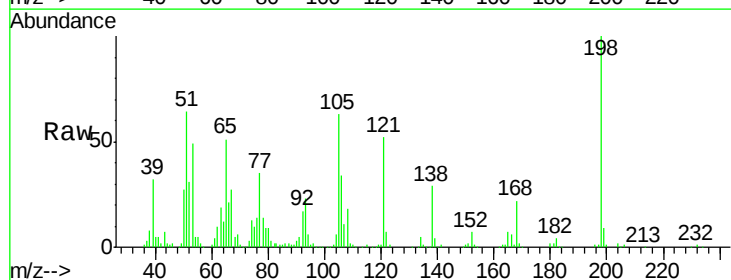
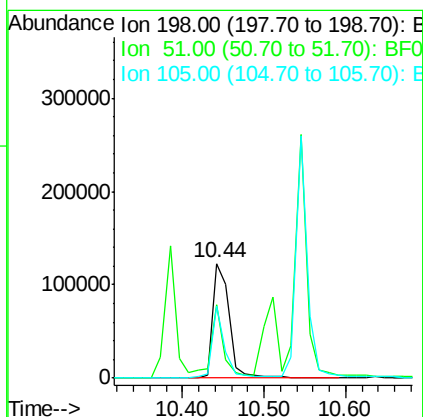
RT: 10.44 min Scan# 731

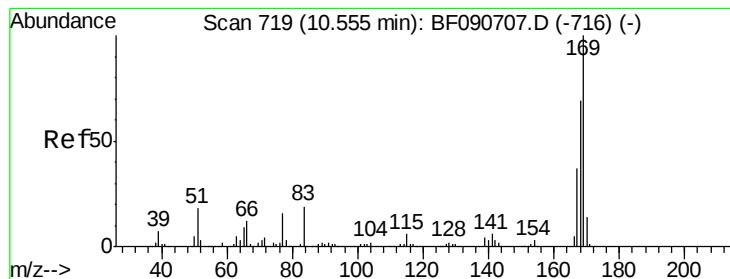
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion:	198	Resp:	174015
Ion Ratio	Lower	Upper	
198	100		
51	64.3	39.6	79.6
105	63.3	28.5	68.5





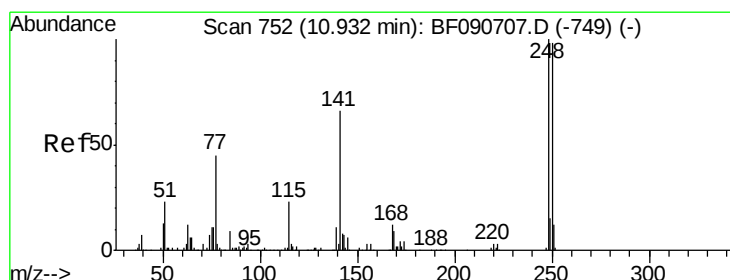
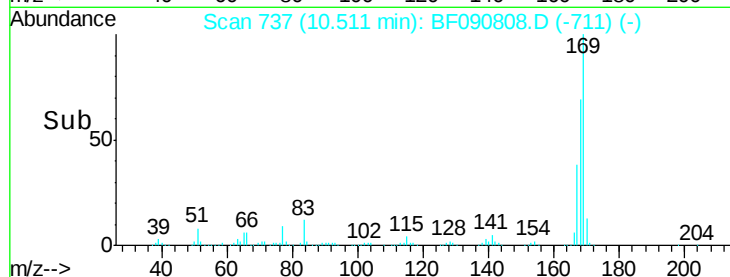
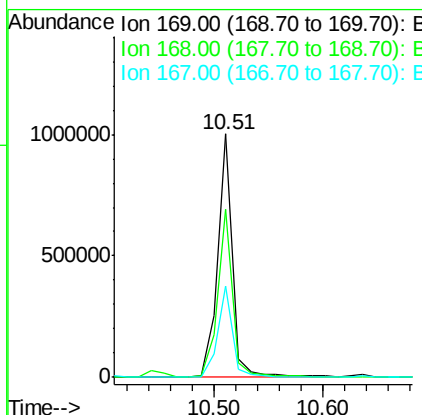
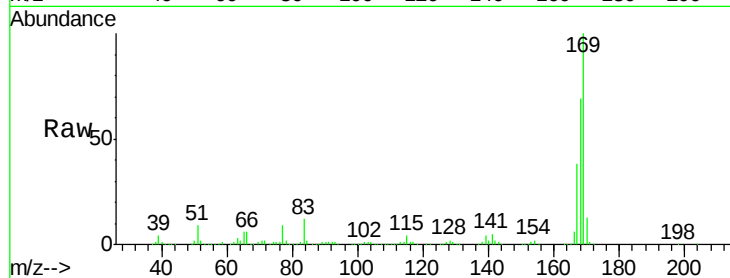
#65
n-Nitrosodiphenylamine
Concen: 39.70 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	961762		
168	69.1	48.9	73.3	
167	37.7	26.2	39.4	

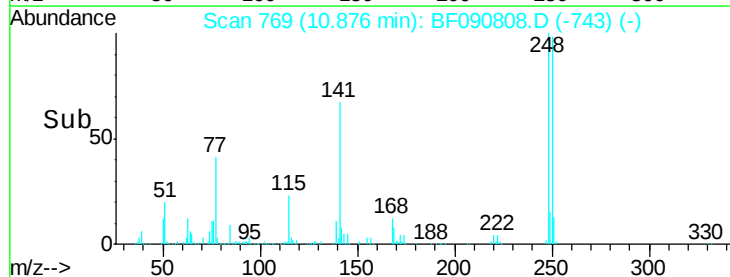
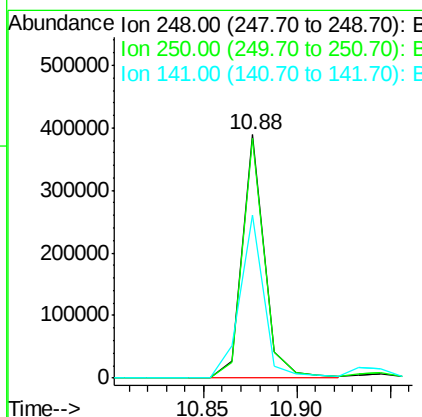
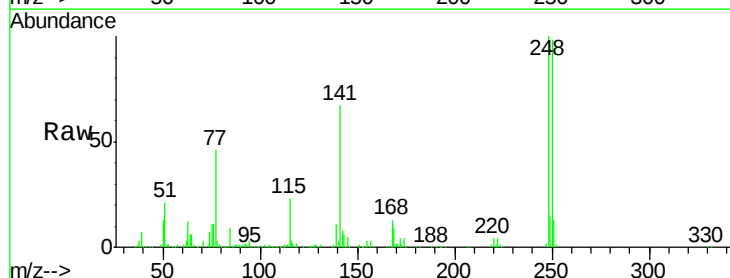
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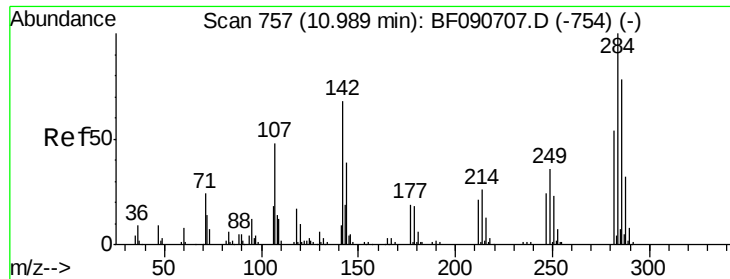
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#66
4-Bromophenyl-phenylether
Concen: 44.34 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	325053		
250	98.4	78.5	117.7	
141	66.8	59.0	88.6	





#67

Hexachlorobenzene

Concen: 44.65 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

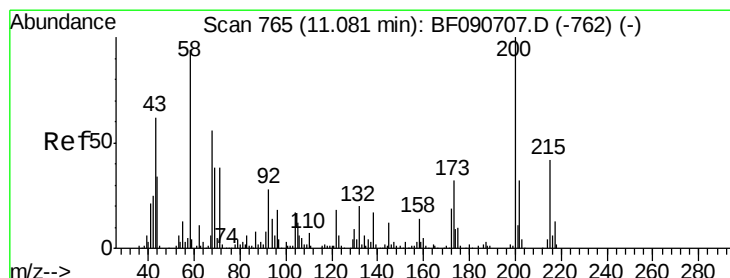
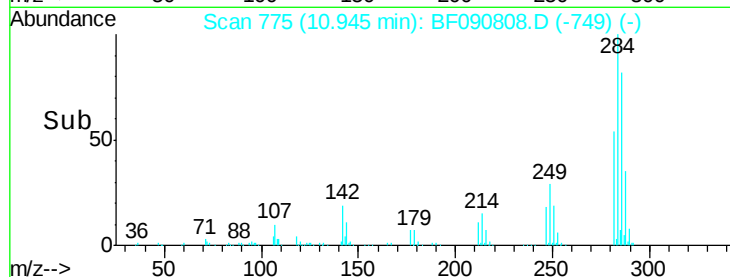
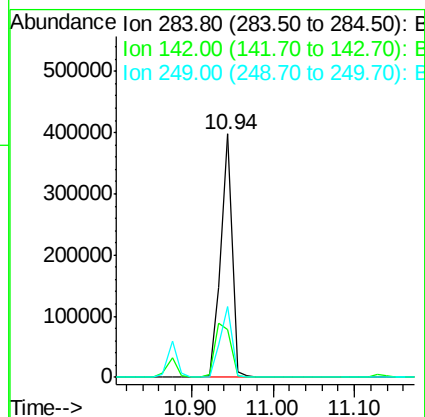
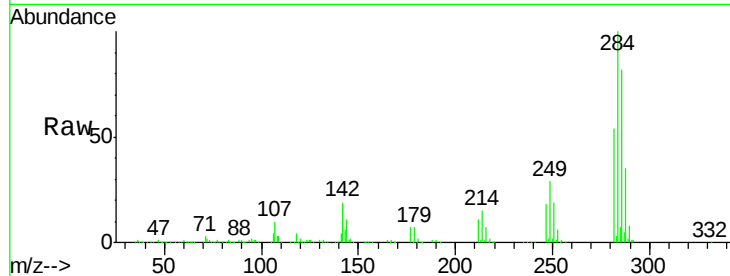
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	386297		
142	19.5	29.5	44.3#	
249	29.1	19.5	29.3	

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#68

Atrazine

Concen: 37.50 ng

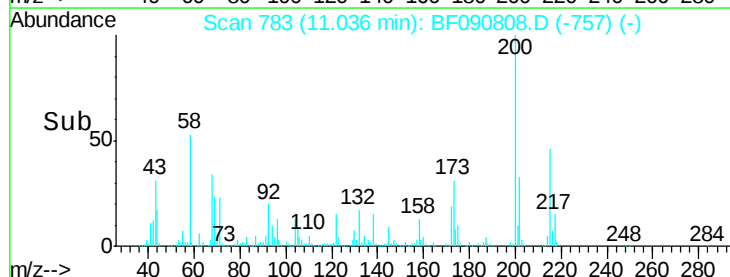
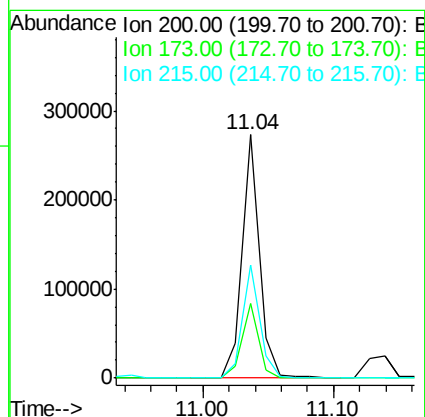
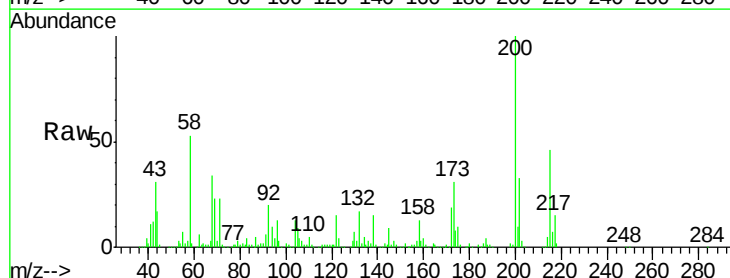
RT: 11.04 min Scan# 783

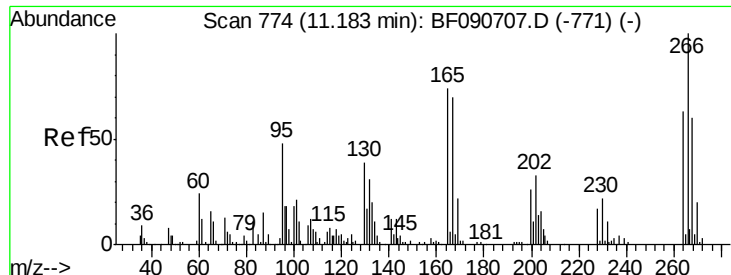
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	250794		
173	30.9	13.2	53.2	
215	46.5	41.8	81.8	





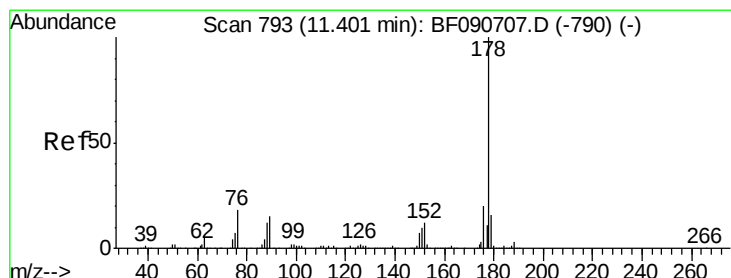
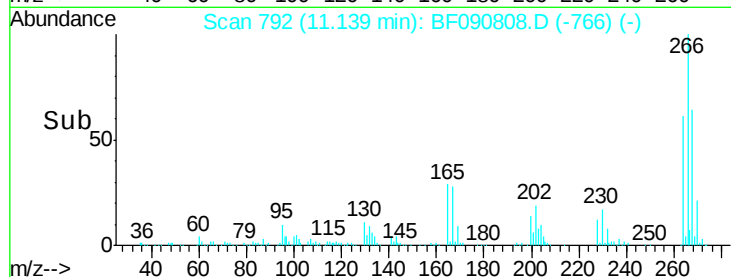
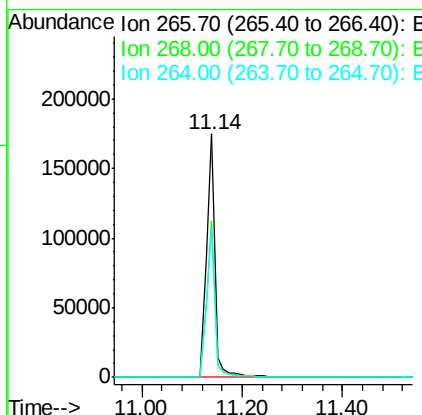
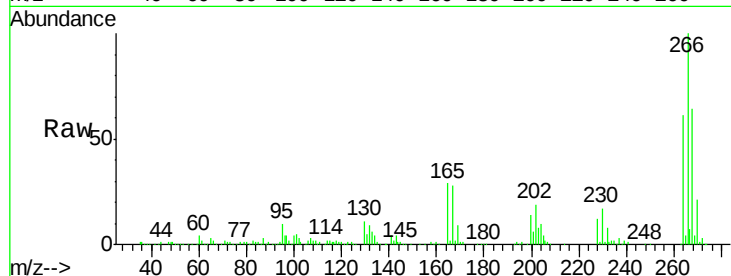
#69
 Pentachlorophenol
 Concen: 45.30 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.6
264	61.2	50.2	75.2

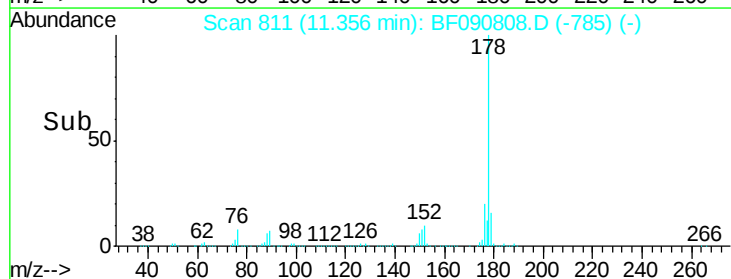
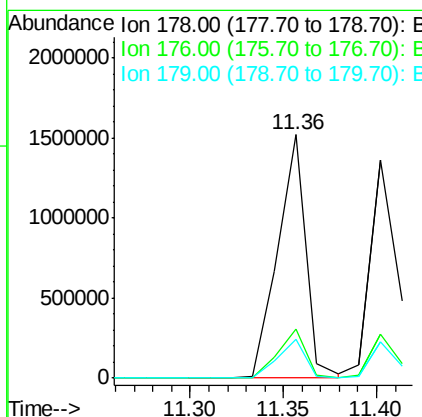
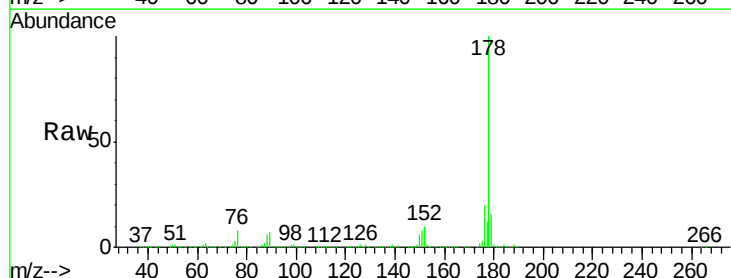
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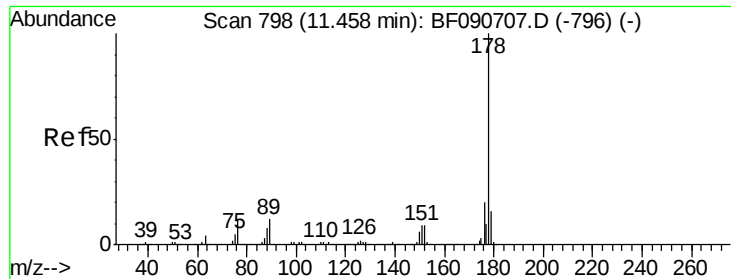
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#70
 Phenanthrene
 Concen: 41.24 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	15.8	12.2	18.2





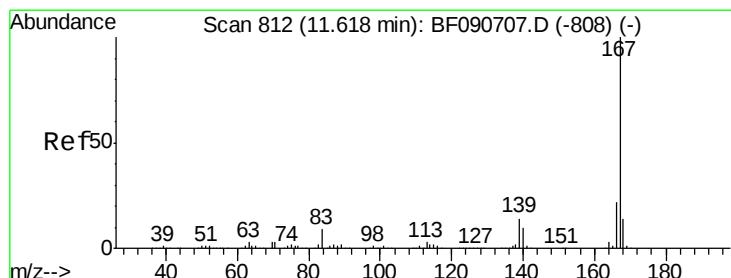
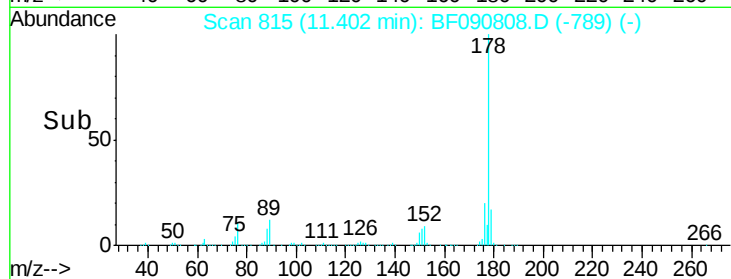
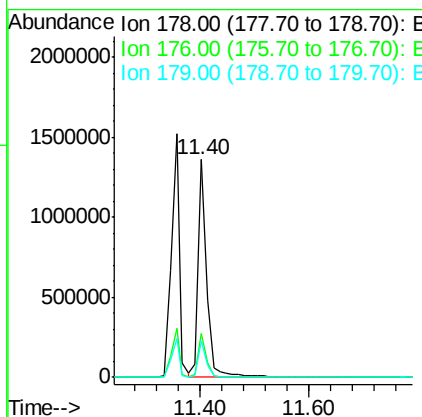
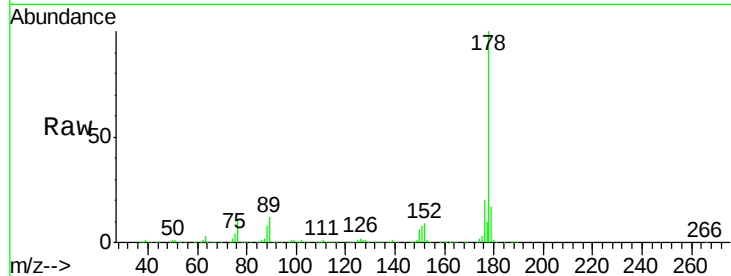
#71
 Anthracene
 Concen: 34.30 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1466155
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.1 21.1
 179 16.7 12.2 18.2

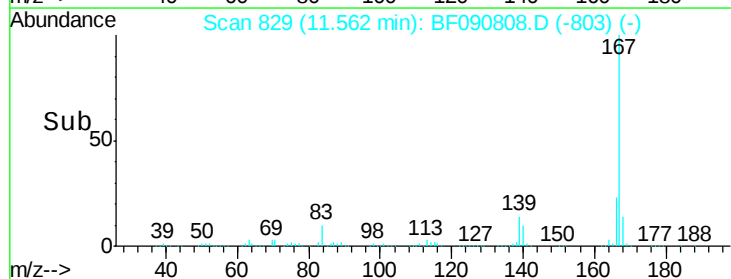
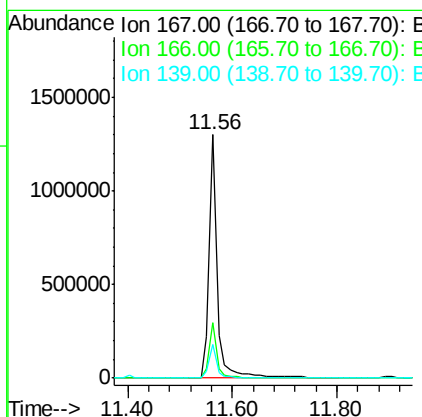
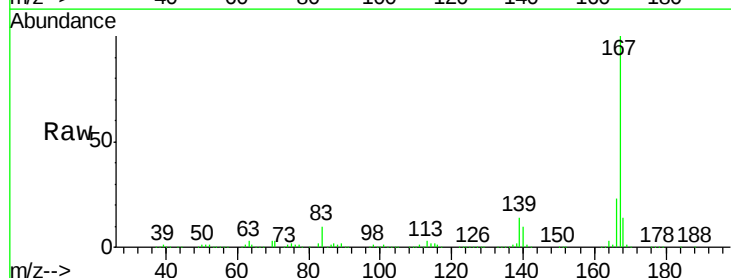
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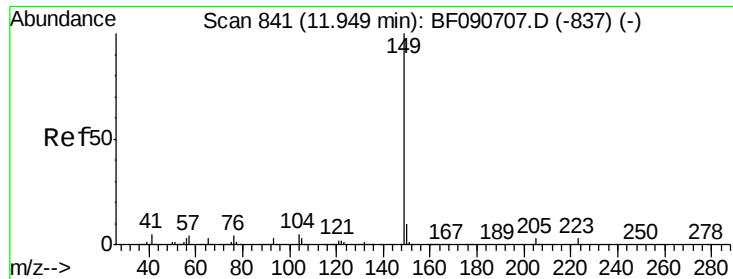
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#72
 Carbazole
 Concen: 39.42 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion:167 Resp: 1409093
 Ion Ratio Lower Upper
 167 100
 166 22.6 15.7 23.5
 139 14.0 9.5 14.3





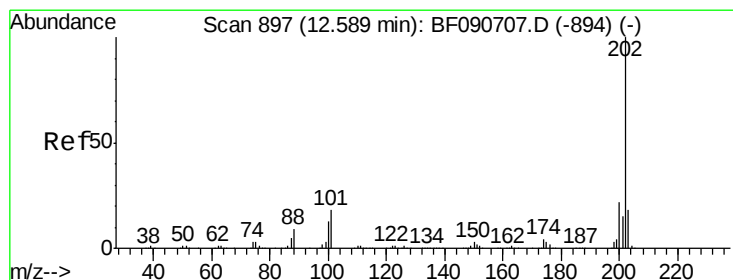
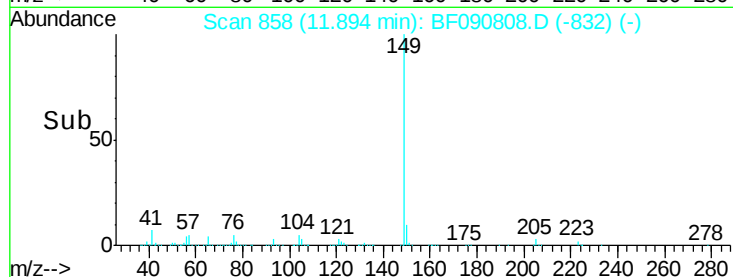
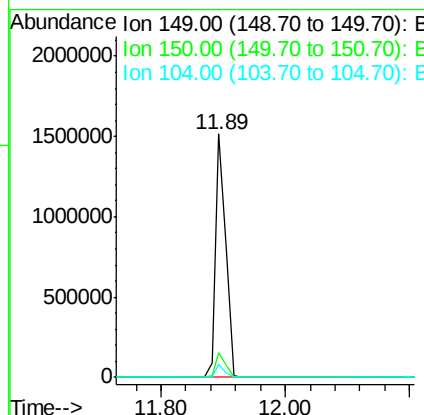
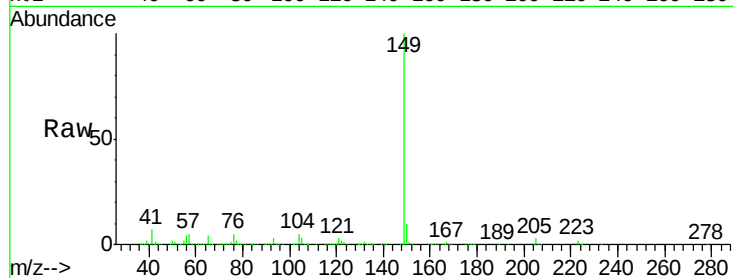
#73
Di-n-butylphthalate
Concen: 36.20 ng
RT: 11.89 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1678037
Ion Ratio Lower Upper
149 100
150 10.2 7.4 11.2
104 5.3 2.4 3.6#

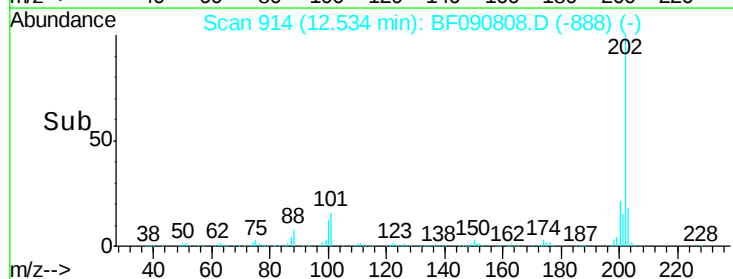
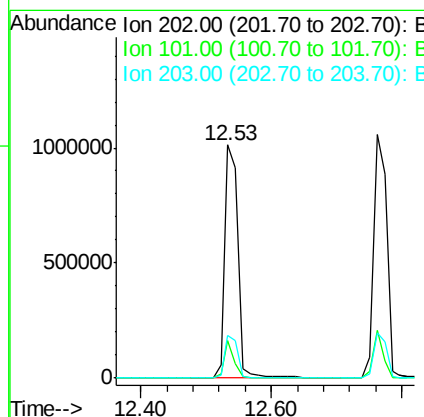
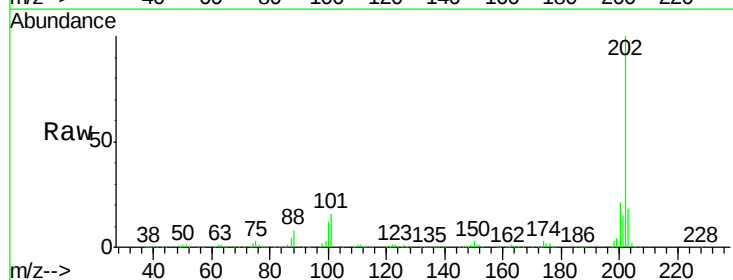
Manual Integrations
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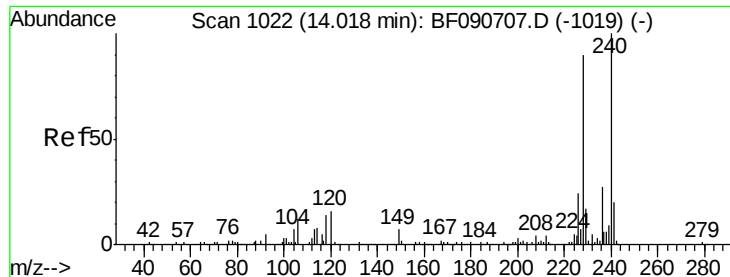
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#74
Fluoranthene
Concen: 38.74 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion:202 Resp: 1444403
Ion Ratio Lower Upper
202 100
101 16.1 0.0 38.3
203 18.2 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

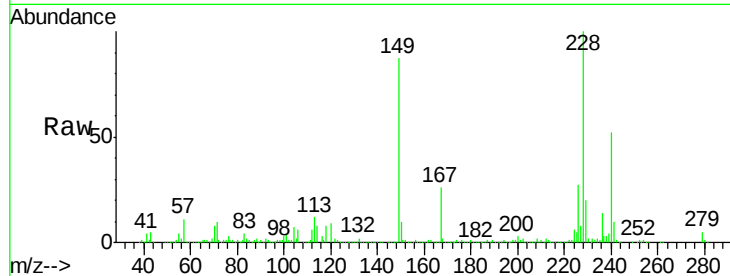
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.7	16.2	24.2
236	26.6	18.4	27.6

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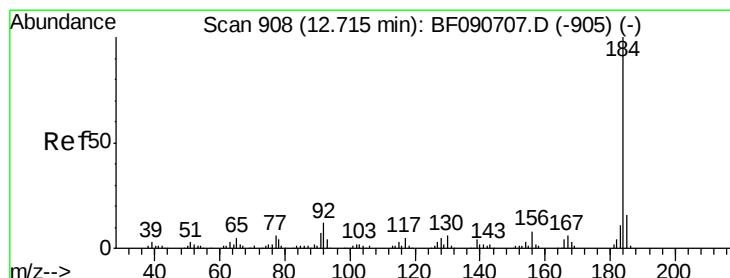
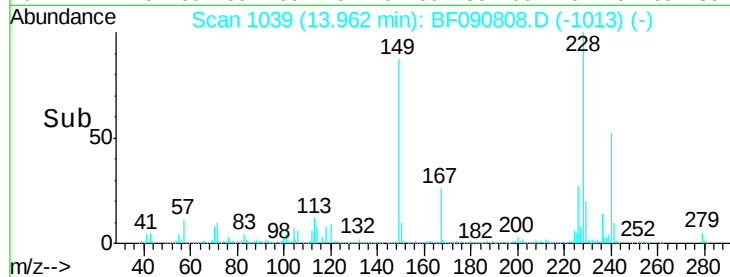
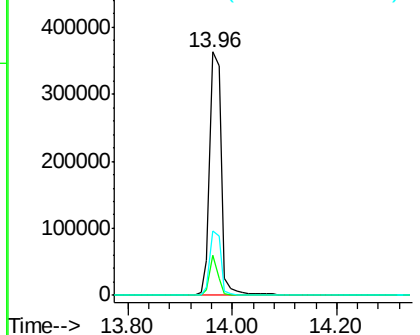
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.18 ng

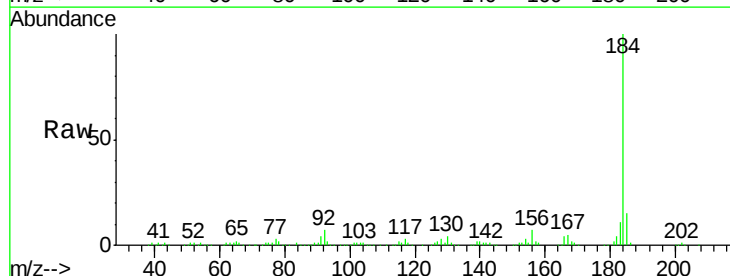
RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

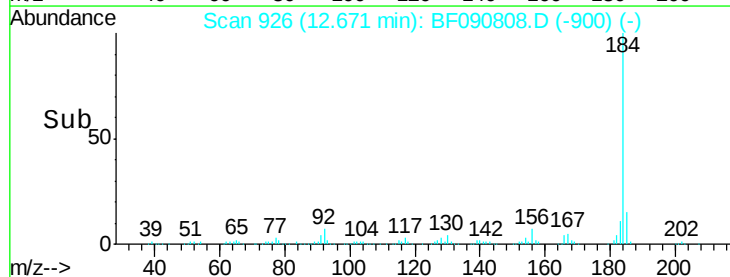
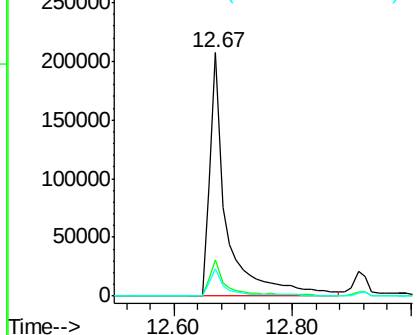
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	11.1	7.6	11.4

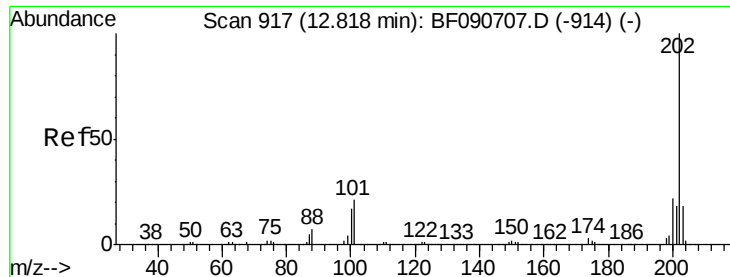


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





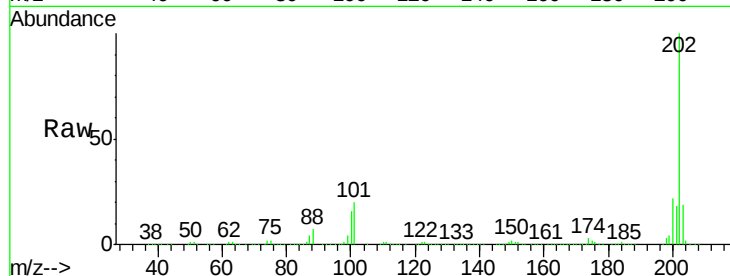
#77
Pvrene
Concen: 36.28 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

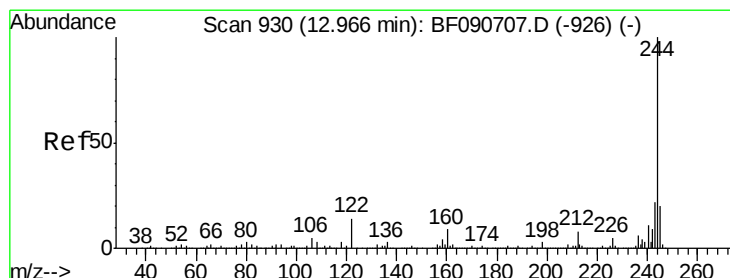
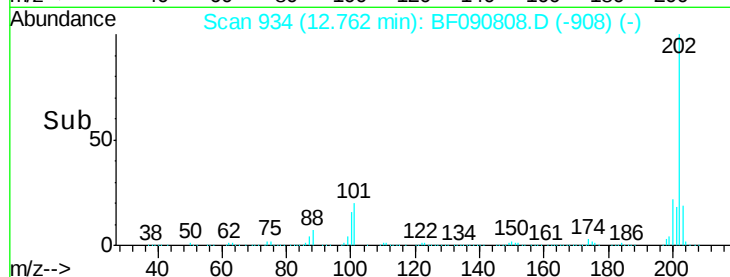
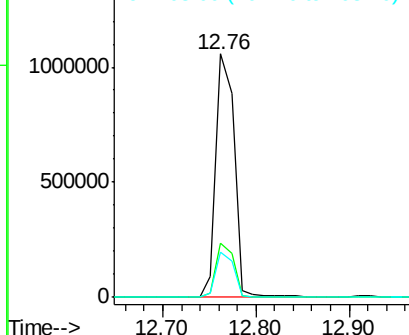
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	15.0	22.4
203	18.6	14.1	21.1

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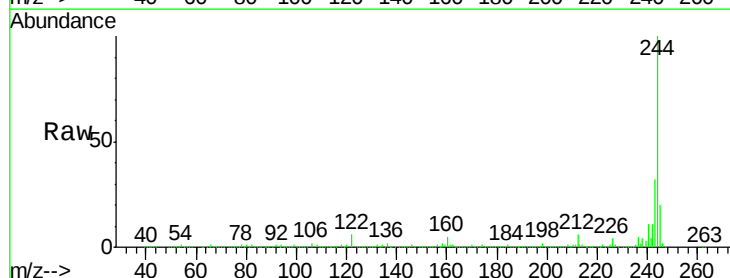


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

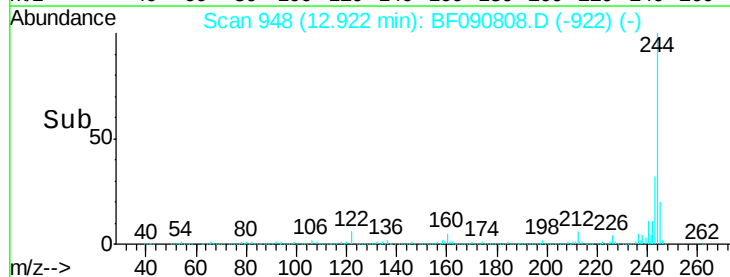
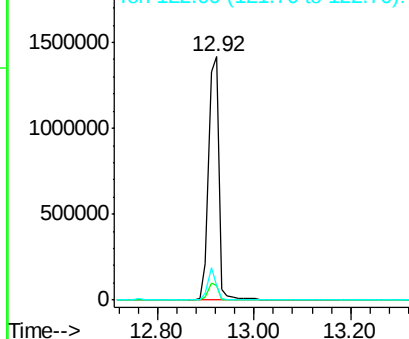


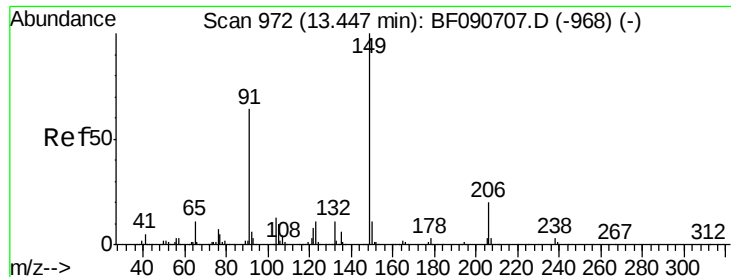
#78
Terphenyl-d14
Concen: 86.85 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.3	6.5
122	6.2	17.4	26.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.67 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Instrument :

BNA_F

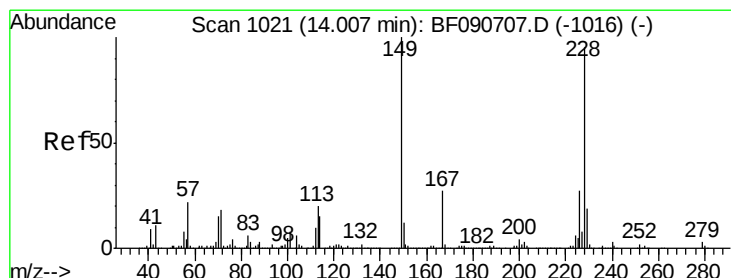
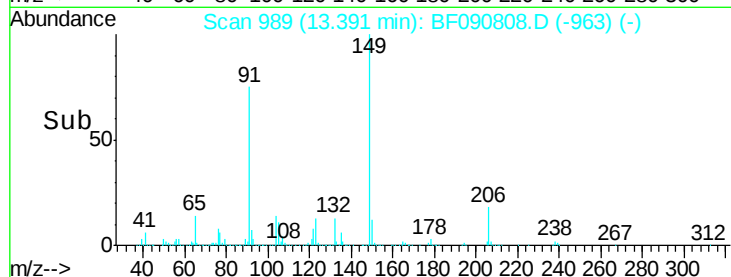
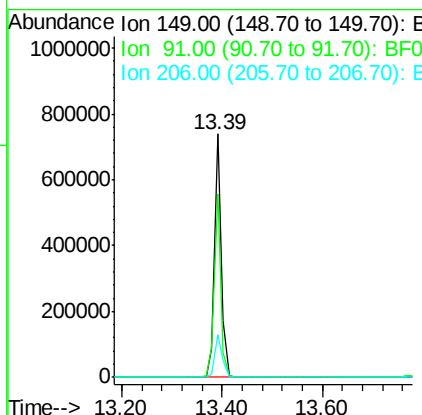
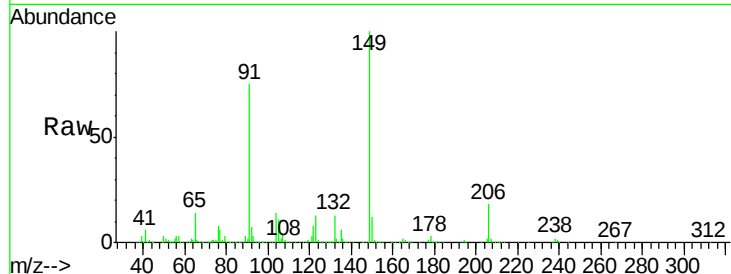
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	706730
Ion Ratio	Lower	Upper	
149	100		
91	75.5	48.6	72.8#
206	17.6	14.9	22.3

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#80

Benzo(a)anthracene

Concen: 37.06 ng

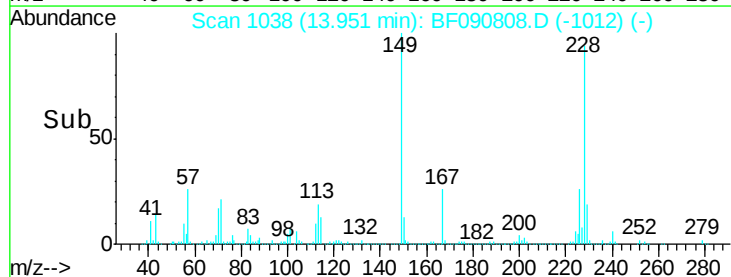
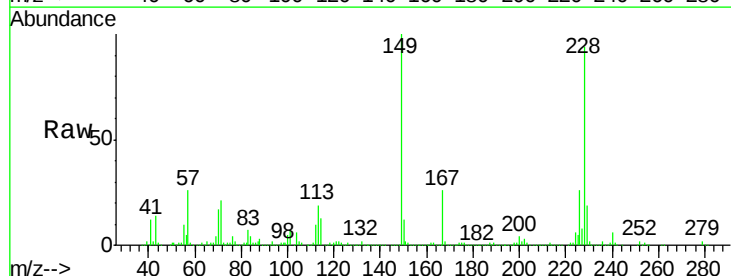
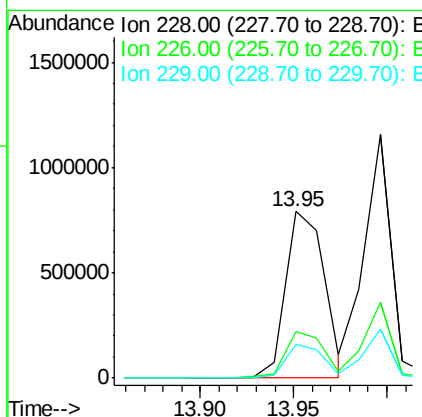
RT: 13.95 min Scan# 1038

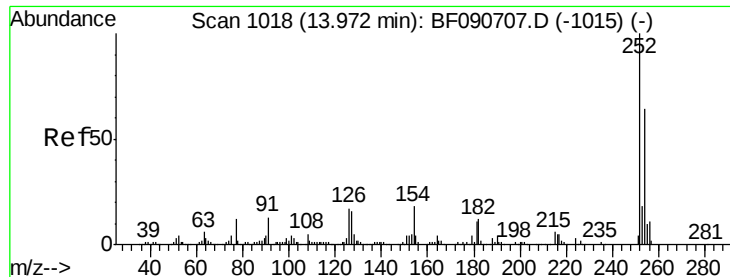
Delta R.T. 0.00 min

Lab File: BF090808.D

Acq: 25 Oct 2016 15:42

Tgt Ion:	228	Resp:	1154565
Ion Ratio	Lower	Upper	
228	100		
226	28.0	20.0	30.0
229	20.4	15.4	23.2





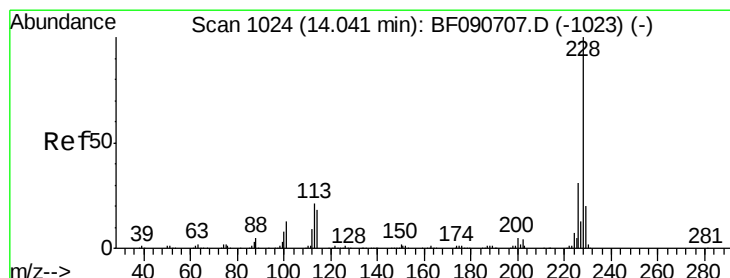
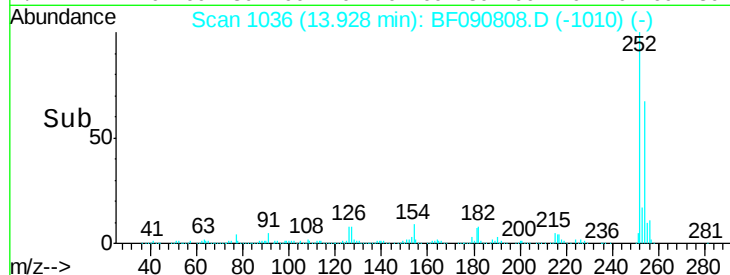
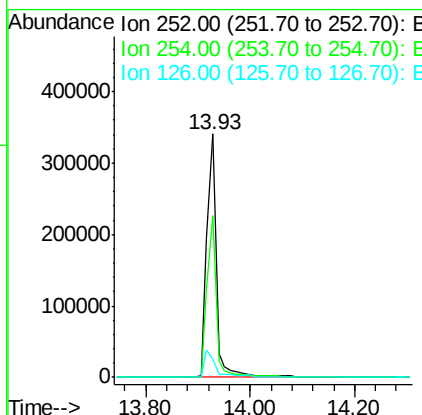
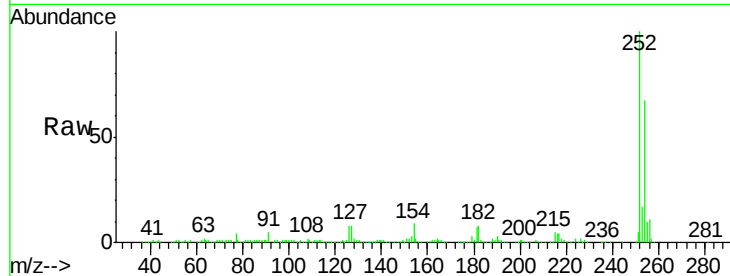
#81
 3,3'-Dichlorobenzidine
 Concen: 40.47 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.4	77.2
126	7.6	16.4	24.6

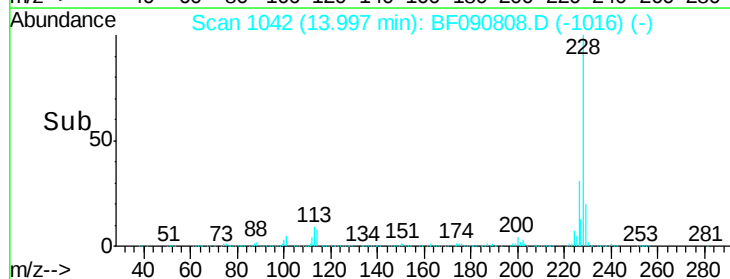
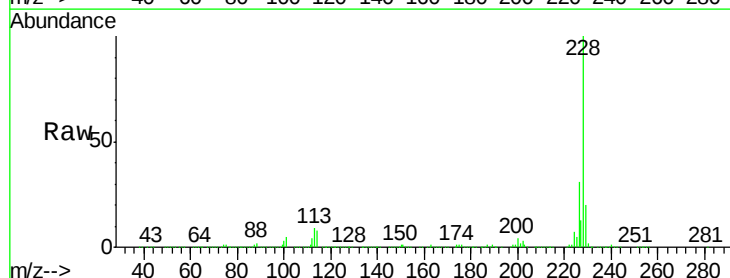
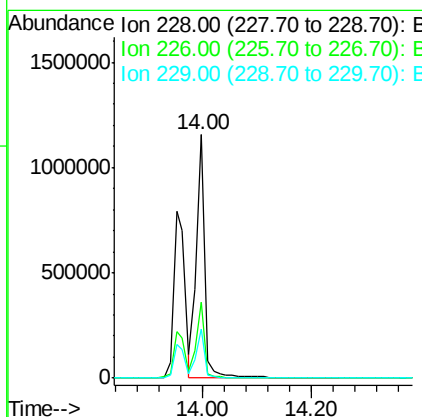
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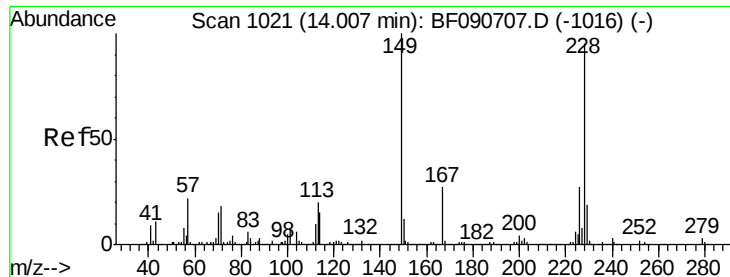
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#82
 Chrysene
 Concen: 40.17 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.4
229	20.0	15.6	23.4





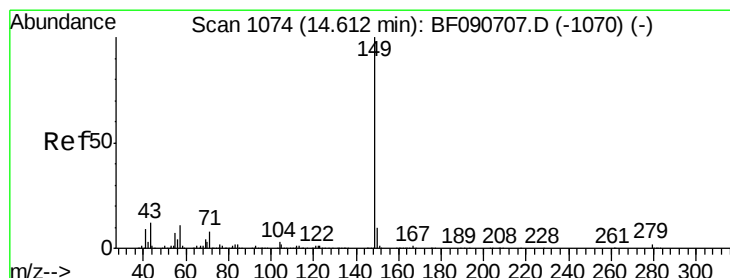
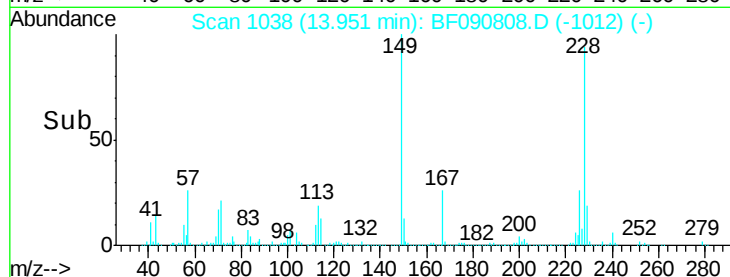
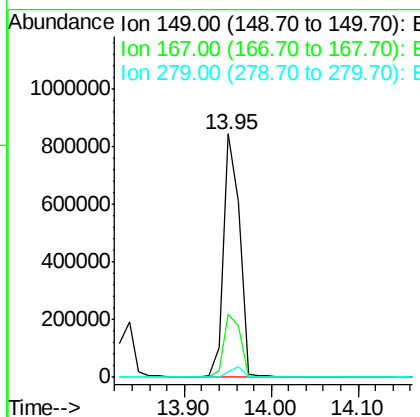
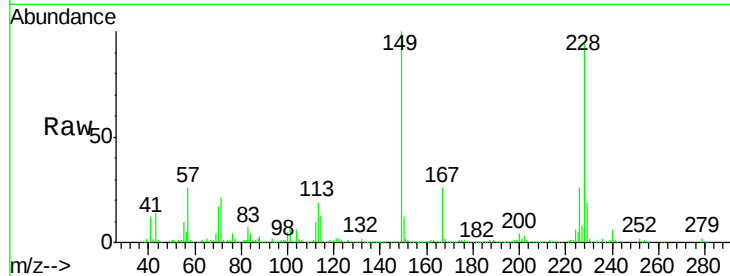
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.55 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1086671
 Ion Ratio Lower Upper
 149 100
 167 25.9 24.2 36.2
 279 2.3 3.8 5.6#

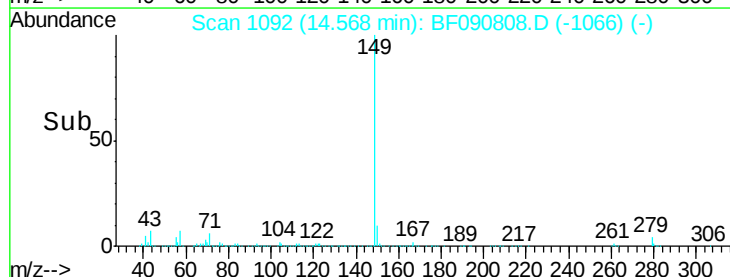
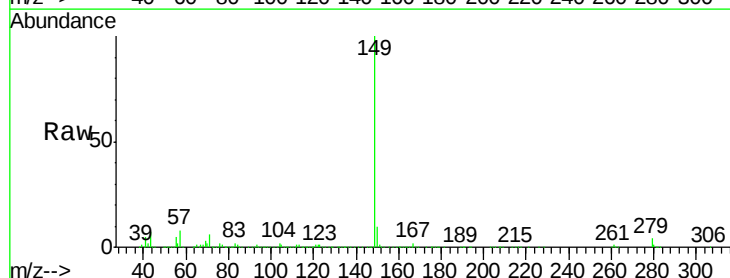
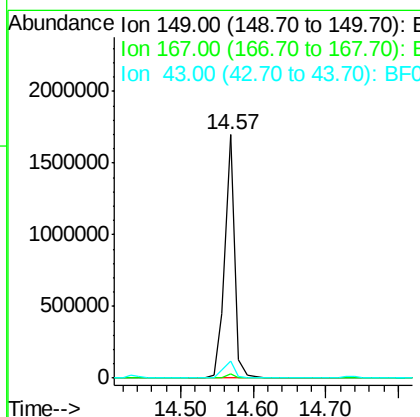
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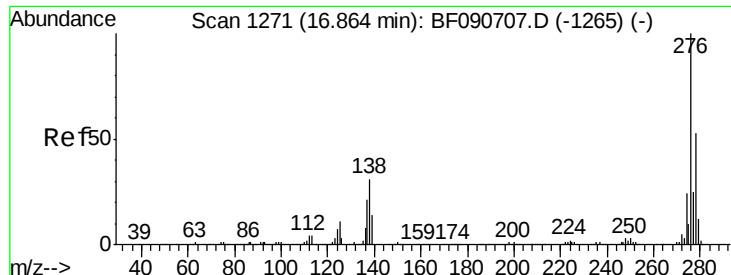
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#84
 Di-n-octyl phthalate
 Concen: 40.40 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Tgt Ion:149 Resp: 1603595
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.0 1.6#
 43 7.9 10.2 15.2#





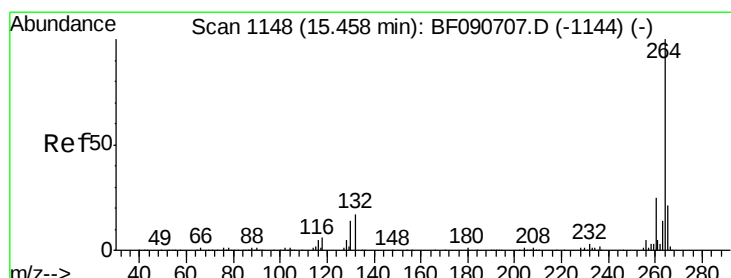
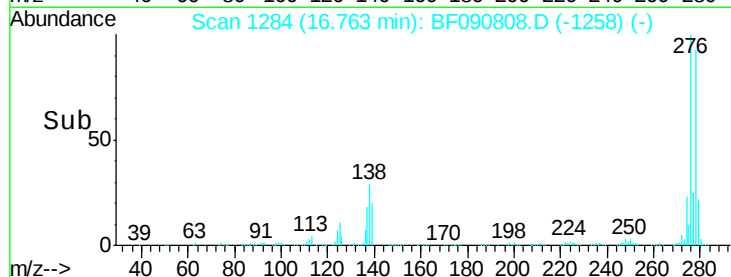
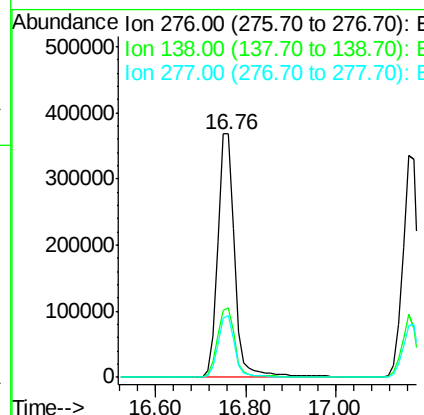
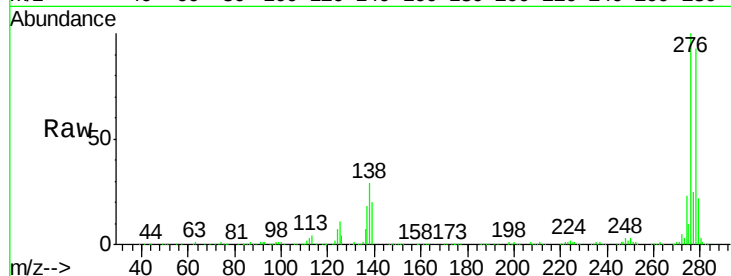
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.50 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.7	38.5
277	25.1	15.6	23.4

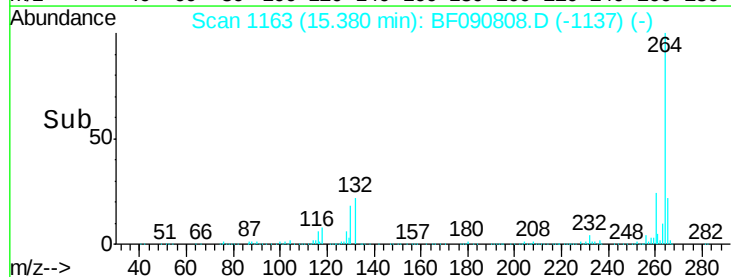
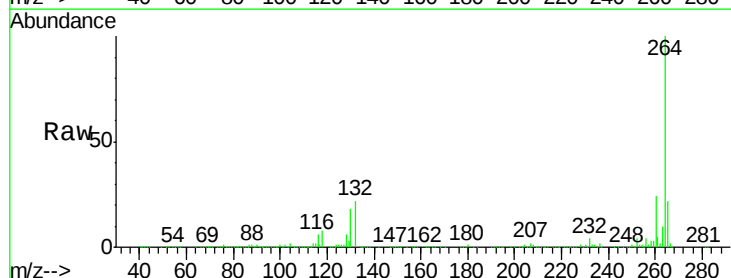
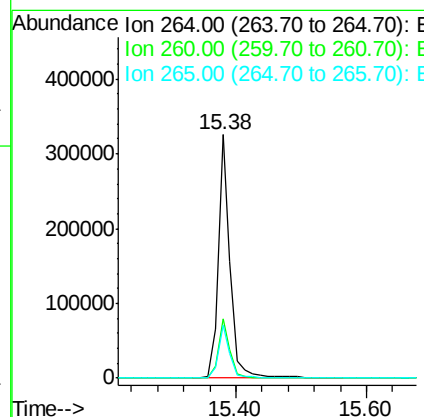
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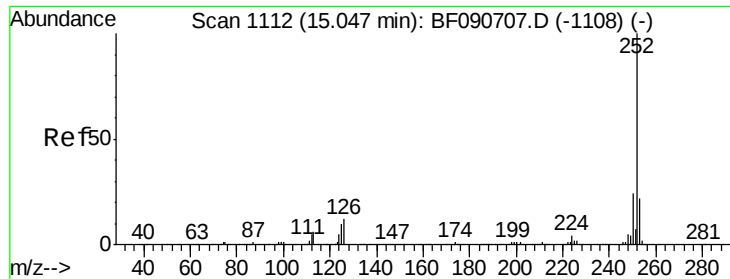
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.8	17.2	25.8





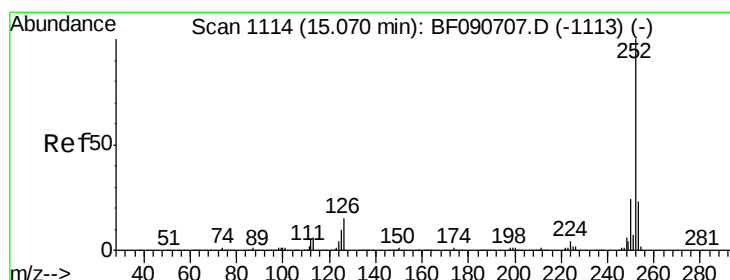
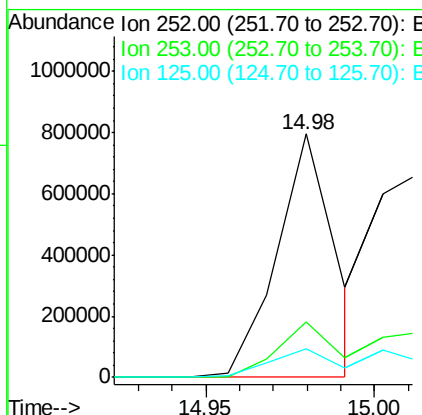
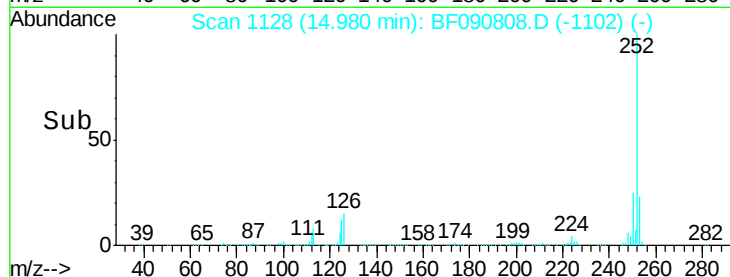
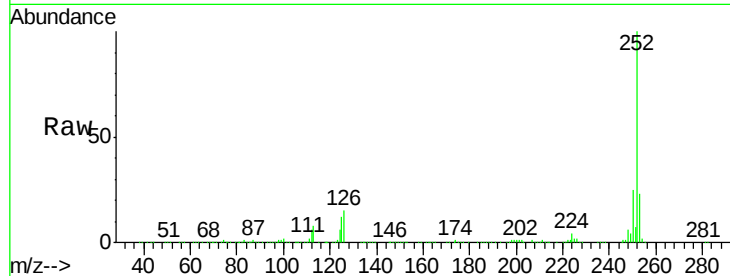
#87
Benzo(b)fluoranthene
Concen: 36.72 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.8	17.1	25.7

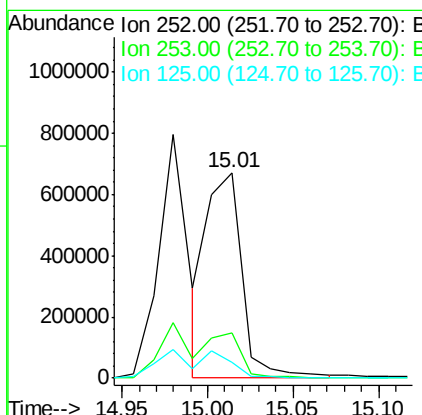
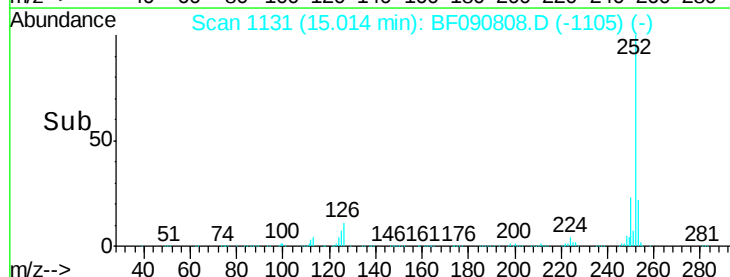
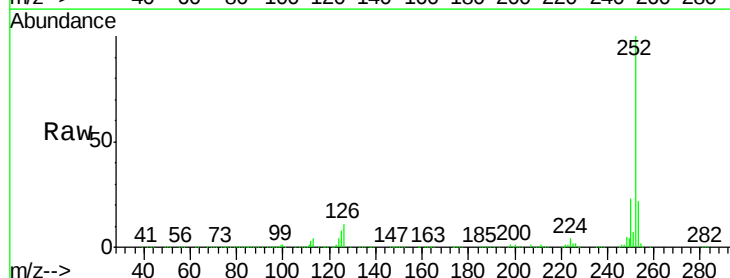
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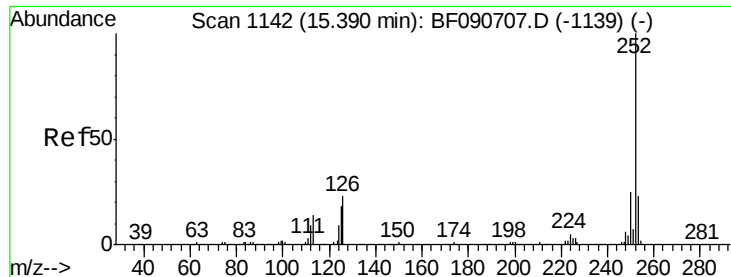
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#88
Benzo(k)fluoranthene
Concen: 37.62 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	7.5	16.0	24.0





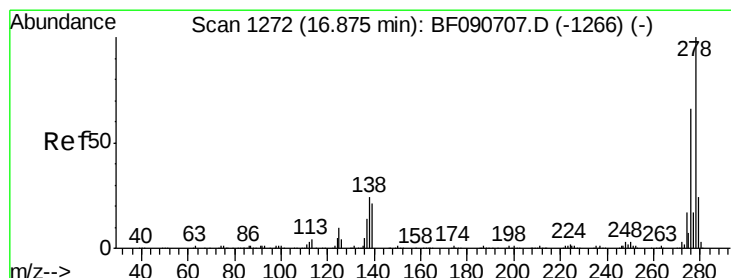
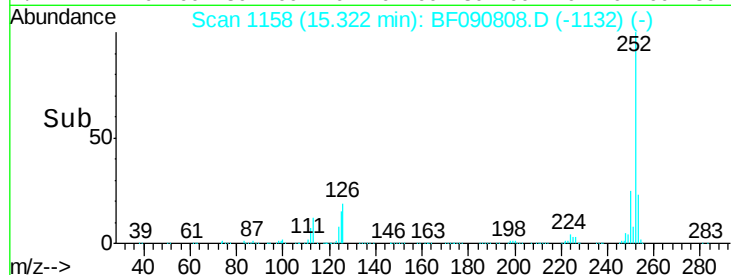
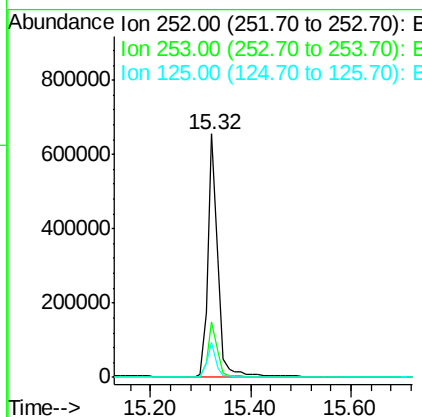
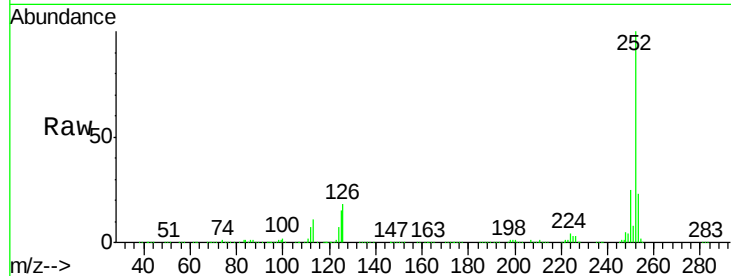
#89
Benzo(a)pyrene
Concen: 36.31 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.5	18.0	27.0

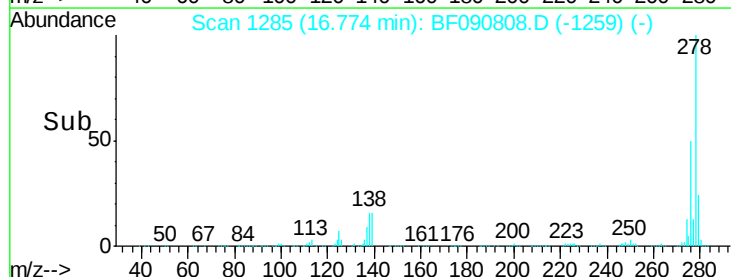
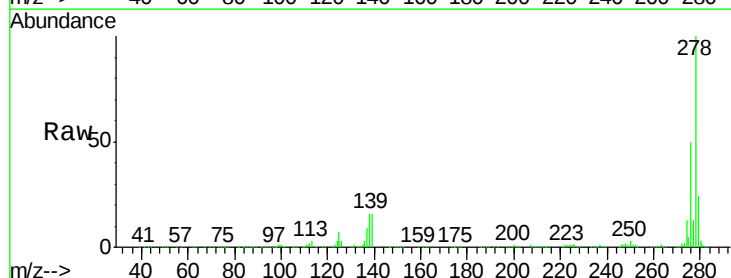
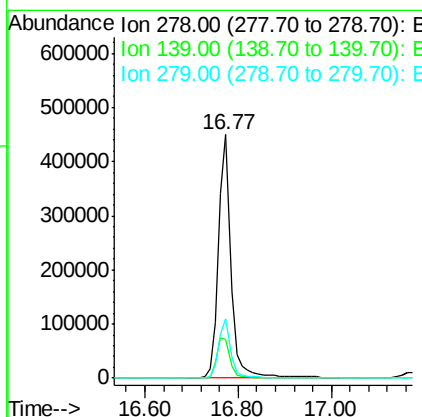
Manual Integrations
APPROVED

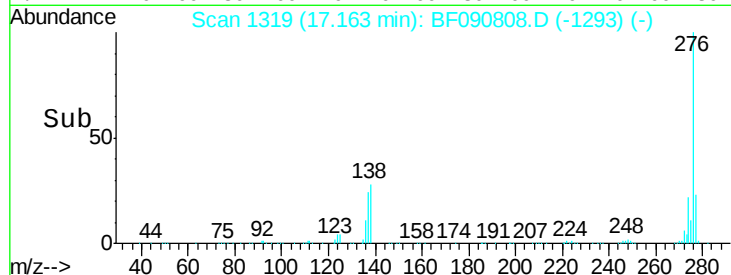
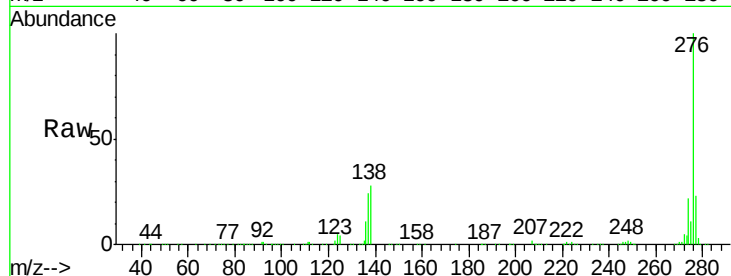
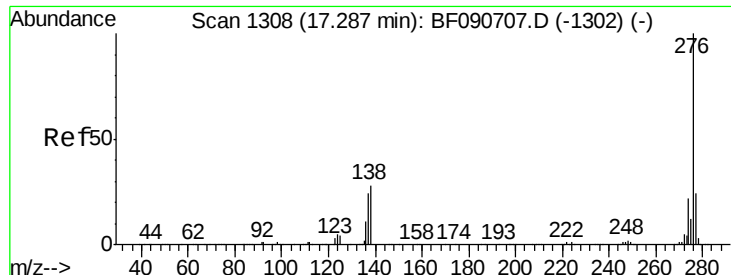
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#90
Dibenzo(a,h)anthracene
Concen: 36.24 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF090808.D
Acq: 25 Oct 2016 15:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	26.3	39.5
279	24.3	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.31 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF090808.D
 Acq: 25 Oct 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	28.2	34.6	51.8

Manual Integrations
 APPROVED

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